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REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

TINIAN NAS MARIANA IS N 15 00 E 145 38 ELEV 250 FT

WBAN #41413 WMO #

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DISTRIBUTION STATEMENT A Approved for public releases

Distribution Unlimited

Review and Approval Statement

This report is approved for public release. There is no objection to unlimited distribution of this report to the public at large, or by DDC to the National Technical Information Service (NTIS).

This technical report has been reviewed and is approved for publication.

WAYNE E./MCCOLLOM, Chief
Technical Information Section
USAFETAC/TST

FOR THE COMMANDER

VALTER S. BURGMANN AWS Scientific and technical Information Officer (STINFO)

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URET CLASS OF ATION OF THIS MACE (When Male Entered REPORT DOCUMENTATION PAGE KERCRI NOME R USAFETAC/05- 81/070 5. TYPE OF REPORT & PERIOD JOV. RED Tire rand Submitte) Revised Uniform Summary of Surface Weather Final rept. Observations (RUSSWO)-6 PERFORMING ORG. REPORT NUMBER TINIAN ISLAND NAS, MARIANA ISLANDS B. CONTRACT OR GRANT NUMBER I · CTHOR'S USAFETAC/OL-A Air Force Environmental Technical Appl. Center Scott AFB IL 62225 SAFETACIOND OFFICE NAME AND ADDRESS 12. REPORT CATE Air Weather Service (MAC) 25 MAY 73 Scott AFB IL 62225 400 E . N. TORING AGENCY NAME & ADDRESS(If different from Controlling Office) UNCLASSIFIED ISA DECLASSIFICATION DOANGARD NO THE IT ON STATEMENT of this Report) Approved for public release; distribution unlimited. JTRIBUTION STATEMENT of the abstract entered in Block 20, if different from Report TO SUPPLIMENTARY NOTES *RUSSWO Daily temperatures Atmospheric pressure Snowfall Extreme snow depth Extreme surface winds Sea-level pressure Climatology Psychnometeric summary Surface Winds Extreme temperature Ceiling versus visibility

This report is a six-part statistical summary of surface weather observations for

Tinian Island NAS, Mariana Islands
It contains the following parts: (A) Weather Conditions; Atmospheric Phenomena;
(B) Precipitation, Snowfall and Snow Depth (daily amounts and extreme values);
(C) Surface winds; (D) Ceiling versus Visibi'ity; Sky Cover; (E) Psychrometric Summaries (daily maximum and minimum temperatures, extreme maximum and minimum temperatures, psychrometric summary of wet-bulb temperature depression versus dry-bult temperature, means and standard deviations of dry-bulb, wet-bulb (over)

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Relative Humidity *Climatological data

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- 19. Percentage frenquency of distribution tables
 Dry-bulb temperature versus wet-bulb temperature
 Cumulative percentage frequency of distribution tables
 * TINIAN ISLAND *MARIANA ISLAND
- 20. and dew point temperatures and relative humidity); and (F) Pressure Summary (means, standard, deviations, and observation counts of station pressure and sea-level pressure). Data in this report are presented in tabular form, in most cases in percentage frequency of occurance or cumulative percentage frequency of occuring tables.

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DATA PROCESSING DIVISION UNIFETAC OL-1 AIR WEATHER SERVICE (MAC)

REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

Eourly observations are defined as those record or record-special observations recorded at scheduled hourly intervals.

DAILY OBSERVATIONS

Daily observations are selected from all data recorded on reporting forms and combined into Summary of the Day observations. (Selected from record-special, local, summary of the day, remarks, etc.)

DESCRIPTION OF SUMMARIES

Preceding each section is a brief description of the data comprising each part of the Revised Uniform Summary of Surface Weather Observations and the manner of presentation. Tabulations are prepared from hourly and daily observations recorded by stations operated by the U.S. Scrvices and some foreign stations using similar reporting practices.

Unless otherwise noted the following summaries are included for this station:

PART A WEATHER CONDITIONS

ATMOSPHERIC PHENOMENA

PART B PRECIPITATION

SNOWFALL

SNOW DEPTH DATA NOT AVAILABLE

PARTC SURFACE WINDS

PART D CEILING VERSUS VISIBILITY

SKYCOVER DATA NOT AVAILABLE

PART E DAILY MAX, MIN, & MEAN TEMP

EXTREME MAX & MIN TEMP

PSYCHROMETRIC-DRY VS WET BULB

MEAN & STD DEV [DRY BULB, WET BULB, & DEW POINT]

RELATIVE HUMIDITY

PART F STATION PRESSURE

SEA LEVEL PRESSURE

STANDARD 3-HOUR GROUPS

All summaries requiring diurnal variations are summarized in eight 3-hour periods corresponding to the following sets of hourly observations: 0000-0200, 0300-0500, 0600-0800, 0900-1100, 1200-1400, 1500-1700, 1800-2000, 2100-2300 hours local standard time.

MISSING HOUR GROUPS

Summary sheets are omitted when stations maintaining limited observing schedules did not report certain three-hour periods for any particular month during the available period of record. Such missing sheets are listed below, and are applicable to all summaries prepared from bourly

JANUARY	, APRIL	JULY	OCTOBER
FEBRUARY 00-05, 21-23	MAY	August	NOVENGER
MARCH	JUNE	SEPTIOGES	DECEMBER

STATION	NO ON SUMMARY	STATION NAME		LATITUDE	ro	NGITUDE	STATION ELEV (FT	CALL SIGN	WMO NU	MBEA
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NUMBER OF LOCATION	DATE OF CHANGE	SUR LOCATION	FACE WIND EQUIPMENT IN	TYPE OF	TYPE OF	HT ABOVE	REMARKS, ADDITIO	NAL EQUIPMENT.	OR REASON FOR	CHANGE
	Jul 45to Feb 46	Not available.		TRANSMITTER N/A	N/A	N/A			100	
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USAFETAC FORM 0-19 (OL A)

CONTINUED ON REVERSE SIDE

DATA PROCESSING DIVISION ETAC/USAF AIR WEATHER SERVICE (MAC) ASHEVILLE, NORTH CAROLINA

PART A

WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from hourly observations, and is presented in two tables as follows:

- 1. By month and annual, all hours and years combined.
- 2. By month, all years combined, by standard 3-hour groups.

Occurrences of the various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet - Included are snow, sleet, snow pellets (soft hail), snow grains, and ice crystals.

Hail . Occurrences of hail and small hail are included.

Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the total columns.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WBAN sources.)

Dust and/or sand - Included are blowing dust, blowing sand, and dust.

Blowing spray - This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision, below.

Percentage of observations with obstructions to vision - Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

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MONTH	HOURS LST	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
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e fili MONTH

MONTH	HOURS	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	NO OF OBS
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	12=14		7.5				7.5						9,
	15-17		10.8				10.8						3
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MONTH	HOURS LST	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	OF OBS WITH PRECIP	FQG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	CF OBS WITH OBST TO VISION	TOTAL NO OF OBS
STE	00-03		7.5				7 . R						50
	03-04		4.7				5.7						50
	06-08		7.8				7.8						90
	09-11		11.1				11.1						9 0
	12-14		5.6				5,6						90
	1,3-17	1.1	5.6				5,6						20
	10-20		11.1				11.1						90
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MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & 'OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	NO OF OBS
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	03-05		10.8				10.8						9.
	06-08		7,5				7,5						Ġ.
	79-11		11,5				11,8						9
	12-14		10.8				10.8						9
	15~17		18.3				18,3						9
	18-20		11.5				11,8						9
	21-23		8.6				3.6						9
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MONTH	HOURS .L.S.T.	THUNDER	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	" OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
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	05-65		3.8				3,3						30
	09-08		5.6				5.6						9)
	09-11												90
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	15-17												30
	16-40		1.1				1.1						90
	21-23	1.1	7 ₀ P				7,A		1.1	, .		1.1	90
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PERCENTAGE FREQUENCY OF OCCURRENCE DE WEATHER COMMITTIONS FROM FOURLY DESERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
01 C	10-02		2,2				2.2						9
	03-05		5,4	, .			5,4						9
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	09-11		6.5				6,5						9
	12-14		1.1	. ,	,		1.1						Ġ
	15-17		4.3				4,3						9
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	t :								•			1 :	
TOTALS			4,9	•			4,9		-			•	74

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PART A

ATMOSPHERIC PHENOMENA

This summary is a presentation of the percentage of days with occurrences of various atmospheric phenomena. These data are obtained from all recorded information on the reporting forms and combined into a daily observation.

The descriptions of the phenomena in the Weather Conditions Summary above also apply for the categories summarized in these tabulations. However, it should be noted that in this summary the columns headed "\$ OF OBS WITH PRECIP" and "\$ OF OBS WITH OBST TO VISION" show the percentage of days rather than percentage of observations. Since more than one type of precipitation or more than one type of obstruction may occur in the same daily observation, the sum of the values in the individual columns may not equal the total columns.

This presentation is by month with annual totals, and is prepared with all years combined.

NOTE: A day with rain and/or drizzle was not separately reported in WBAN data prior to January 1949.

Therefore percentages in this column are restricted to the period January 1949 and later.

A day with dust and/or sand was punched and included in this summary only when visibility was less than 5/8 mile.

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MONTH	HOURS	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	OF OBS	TOTAL NO. OF OBS.
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		9.1	90.				90.3						16
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. 8 -3		10.0	100.0	1			100,0						
(1	<u></u>	3,2	93.				93,5						31
1.9		5.1	90.0				90.0						30
· F C		3,2	67,1				67.7						31
TOTALS		7.5	80.1				00.1						210

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DATA PROCESSING DIVISION ETAC/USAF AIR WEATHER SERVICE (MAC) ASHEVILLE, NORTH CAROLINA

PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

This portion of the Uniform Summary presents in two sets of tables, the daily amounts and extreme values of the following:

PRECIPITATION
SNOWFALL*

SNOW DEPTH

DERIVED FROM DAILY OBSERVATIONS

DERIVED FROM DAILY OBSERVATIONS

DERIVED FROM DAILY OBSERVATIONS

- 1. The first table for each of the above presents the percentage frequency of various daily amounts, by month and annual, all years combined. The percentage of days with measurable amounts is also computed monthly and annually. Also shown for the precipitation and snowfall tables, are the monthly mean amounts, annual mean amounts (sum of monthly mean amounts), and the extreme monthly amounts (greatest and least). The latter statistics above are not presented for the snow depth summary since they would have limited use and may be misleading.
- 2. The second set of tables for each of the above presents the extreme daily amounts by individual year and month for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months). The extremes for a month are not printed nor used in computations if one or more observations are missing.

NOTE: Snow depth was recorded and punched at various hours during the period available from U. S. operated stations. The periods and hours used in the snow depth summary vary by service and period as follows:

Air Force Stations

From beginning of record thru 1945 Jan 46-May 57

945 Snow depth at 0800 LST Snow depth at 1230 GCT Snow depth at 1200 GCT

U. S. Navy and Weather Bureau Stations

From beginning of record thru Jun 52

Jul 52-May 57

Jun 57-present

Jun 57-present

Snow depth at 0030 GCT

Snow depth at 1230 GCT

Snow depth at 1200 GCT

^{*} Hail was included in snowfall occurrence in the summary of the day observation prior to Jan 1956,

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DAILY AMOUNTS

PERCENTAGE FREQUENCY OF PERCENTAGE (FROM DAILY OBSERVATIONS)

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STATION		STATION NAME	YEARS

						AM	OUNTS (II	HCHES)						PERCENT		I MON'	THLY AMO	UNTS
PRECIP	NONE	TRACE	01	.02- 05	06 10	11 - 25	26 50	51.1 00	1 01 2 50	2 51 - 5 00	5 01 10 00	10 01-20 00	OVER 20 00		NO.		(INCHES)	
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1 5-2 4	2534	3 5 4 4	4564	6 5 10 4	10 5-15 4	15 5 25 4	25.5-50 4	OVER 50 4	MEASUR-	OF OBS	MEAN	GREATEST	LEAST
SNOW- DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13.24	25-36	37 - 48	49-60	61-120	OVER 120	AMTS				
JAN									!			!	İ					
FEB						! !					!		1					
MAR											;	!				i		1
APR																i I		
MAY														İ				
JUN									:									
JUL	7.7		م و ذ	₹.7	7.1	45.5	14.4	3 . /	9.7					,1,9	3.7	4.75	9.25	7.75
AUG	1	4000		≎.7	7.7	9.7	19.4		3.,					53.1	١٤	5.94	3.94	5.54
SEP		ĺ			- · · -											1		
ост		***	6.5	5. N. g.	0.0	6.5	12.9	12.9	6.,	7.2				50.9	31	10.65	10.65	11.65
NOV	13.3	23.3	3.3	4.7	6.7	20.0	23,3		3.3					61.2	37	4,73	4.73	4.73
DEC	32.3	12.	3.2	ಚ5್•೮	3.2	16.1	(3 4 5							56.6	اد.	1.91	1.91	1.91
ANNUAL	14.9	10.0	2.2	14.2	7.2	17.6	15.5	4.5	4.5	•6				o≅•1	154	32.48		$\overline{}$

1210 WS JUL 64 0	1-15-5 (OL1) PREVIOU	S EDITIONS OF THIS FORM ARE OBSC	DLETE		
1		,			

MATA PROJESSIE - SANC STR FAT BY ENGICEN OF

EXTREME VALUES

PRECIPITATES*
FROM DAILY OBSERVATIONS

41411 TITTO WAS ARTALA IS

43-46

24 HOUR APOINTS IN INCHES

	MONTH	JAN	FEB	MAR	APR	MAY	JUN.	JUL	AUG	SEP	ост	NOV	DEC.	ALL MONTHS
	4		•			•		1.59	8.00		2.99	3.4	•41	
11														
	:			•			•				•	•	*	
	1					•	•						-	
	† *** 1		-	-	-		•		•			-		
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	-						•						-	
Į.											•		-	
	MEAN		t	•		*		1,75	2.00	1	2,99	1.04	.41	
	S D TOTAL OBS.							÷1	31		31	30	31	1

USAF ETAC FORM 0-88-5 (OLI)

TATA PROFESSION SKALCH ISAN ETA AIR EAT ON SEMPICE AC

1111

HIATON

TI I'M MAS ARIA A IS

43-66

FROM DAILY OBSERVATIONS

EXTREME VALUES

YEARS

AN HOUR ATHAMS IN TICHES AND HAVE BESS TOPE TOLL MENTHSA

	MONTH	JAN	FEB MA	Ř. APR	MAY	JUN.	JUL.	AUG.	SEP.	ост.	NOV.	DEC	ALL MONTHS
	4								1.45			_	For Cla
11		li ,											F. A.2 50 - L. I 19
				•									п
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ſ													
	·	•	•					, ,					
													**
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			•					. ,					
	-												
	MEAN	:											#
	TOTAL OBS		·	*									

USAF ETAC FORM 0-88-5 (OLI)

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF

STATION STATION NAME YEARS

						AM	OUNTS (I	NCHES)						PERCENT		MON	THLY AMO	UNTS
PRECIP	NONE	TRACE	01	02-05	06-10	.1125	.2650	.51-1 00	1.01-2.50	2.51-5.00	5.01-10.00	.10.01-20.00	OVER 20.00	OF DAYS WITH	NO.		(INCHES)	
NOWFALL	NONE	TRACE	01-0-4	0.5-1.4	1 5-2.4	2534	3 5-4 4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50 4	OVER 50.4	MEASUR.	OF OBS.	MEAN	GREATEST	LEAST
SNOW DEPTH	NONE	TRACE	1	2	3	4.6	7-12	13-24	25.36	37 - 48	49-60	61-120	OVER 120	AMTS				
JAN		 	:	!	ļ	İ												
FEB			i	i i	1	i		į !	l i		i	1						
MAR					!	į	1	i					İ					
APR			:	:	1	1												
MAY														ļ				
JUN					i	1	i										I	
JUL	J 01 .										1				5.7.	• 0	•	•
AUG	13 have				1	I	i								41	, f.	. 13	
SEP	10000						1								40	. (.	• **	
ост	190.0				i										4.7	• (*	• • •	•
NOV	100.0				:										20	• (•	
DEC	100.00	,	; 		İ										41	• 0	• ^	
NNUAL	100.														164	• 6	X	\searrow

1210 WS JUL 64 0.15.5 (OL1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

EXTREME VALUES

+ 1 + ALL FROM LAUT OR JR. AT CAS

MIATON TITO HAS ANTA A 15

is 5 m/g in

YEARS

 $- (1) \alpha + (0) \alpha - \alpha \beta = \alpha \beta + (0) \beta + (1 - \beta) \beta + (1 - \beta) \beta + (1 - \beta) \beta + (1 - \beta) \beta + (1 - \beta) \beta + (1 - \beta) \beta + (1 - \beta) \beta + (1 - \beta) \beta + (1 - \beta) \beta + (1 - \beta) \beta + (1 - \beta) \beta + (1 - \beta) \beta + (1 - \beta) \beta + (1 - \beta) \beta + (1 - \beta) \beta + (1 - \beta) \beta + (1 - \beta) \beta + (1 - \beta) \beta + (1 - \beta) \beta + (1 - \beta) \beta + (1 - \beta) \beta + (1 - \beta) \beta + (1 - \beta) \beta + (1 - \beta) \beta + (1 - \beta) \beta + (1 - \beta) \beta + (1 - \beta) \beta + (1 - \beta) \beta + (1 - \beta) \beta + (1 - \beta) \beta + (1 - \beta) \beta + (1 - \beta) \beta + (1 - \beta) \beta + (1 - \beta) \beta + (1 - \beta) \beta + (1 - \beta) \beta + (1 - \beta) \beta + (1 - \beta) \beta + (1 - \beta) \beta + (1 - \beta) \beta + (1 - \beta) \beta + (1 - \beta) \beta + (1 - \beta) \beta + (1 - \beta) \beta + (1 - \beta) \beta + (1 - \beta) \beta + (1 - \beta) \beta + (1 - \beta) \beta + (1 - \beta) \beta + (1 - \beta) \beta + (1 - \beta) \beta + (1 - \beta) \beta + (1 - \beta) \beta + (1 - \beta) \beta + (1 - \beta) \beta + (1 - \beta) \beta + (1 - \beta) \beta + (1 - \beta) \beta + (1 - \beta) \beta + (1 - \beta) \beta + (1 - \beta) \beta + (1 - \beta) \beta + (1 - \beta) \beta + (1 - \beta) \beta + (1 - \beta) \beta + (1 - \beta) \beta + (1 - \beta) \beta + (1 - \beta) \beta + (1 - \beta) \beta + (1 - \beta) \beta + (1 - \beta) \beta + (1 - \beta) \beta + (1 - \beta) \beta + (1 - \beta) \beta + (1 - \beta) \beta + (1 - \beta) \beta + (1 - \beta) \beta + (1 - \beta) \beta + (1 - \beta) \beta + (1 - \beta) \beta + (1 - \beta) \beta + (1 - \beta) \beta + (1 - \beta) \beta + (1 - \beta) \beta + (1 - \beta) \beta + (1 - \beta) \beta + (1 - \beta) \beta + (1 - \beta) \beta + (1 - \beta) \beta + (1 - \beta) \beta + (1 - \beta) \beta + (1 - \beta) \beta + (1 - \beta) \beta + (1 - \beta) \beta + (1 - \beta) \beta + (1 - \beta) \beta + (1 - \beta) \beta + (1 - \beta) \beta + (1 - \beta) \beta + (1 - \beta) \beta + (1 - \beta) \beta + (1 - \beta) \beta + (1 - \beta) \beta + (1 - \beta) \beta + (1 - \beta) \beta + (1 - \beta) \beta + (1 - \beta) \beta + (1 - \beta) \beta + (1 - \beta) \beta + (1 - \beta) \beta + (1 - \beta) \beta + (1 - \beta) \beta + (1 - \beta) \beta + (1 - \beta) \beta + (1 - \beta) \beta + (1 - \beta) \beta + (1 - \beta) \beta + (1 - \beta) \beta + (1 - \beta) \beta + (1 - \beta) \beta + (1 - \beta) \beta + (1 - \beta) \beta + (1 - \beta) \beta + (1 - \beta) \beta + (1 - \beta) \beta + (1 - \beta) \beta + (1 - \beta) \beta + (1 - \beta) \beta + (1 - \beta) \beta + (1 - \beta) \beta + (1 - \beta) \beta + (1 - \beta) \beta + (1 - \beta) \beta + (1 - \beta) \beta + (1 - \beta) \beta + (1 - \beta) \beta + (1 - \beta) \beta + (1 - \beta) \beta + (1 - \beta) \beta + (1 - \beta) \beta + (1 - \beta) \beta + (1 - \beta) \beta + (1 - \beta) \beta + (1 - \beta) \beta + (1 - \beta) \beta + (1 - \beta) \beta + (1 - \beta) \beta + (1 - \beta) \beta + (1 - \beta) \beta + (1 - \beta) \beta + (1 - \beta) \beta + (1 - \beta) \beta + (1 - \beta) \beta + (1 - \beta) \beta + (1 - \beta) \beta + (1 - \beta) \beta + (1 - \beta) \beta + (1 - \beta) \beta + (1 - \beta) \beta + (1 - \beta) \beta + (1 - \beta) \beta + (1 - \beta) \beta + (1 - \beta) \beta + (1 - \beta) \beta + (1 - \beta) \beta + (1 - \beta) \beta + (1 - \beta) \beta + (1$

	MONTH YEAR	JAN	FEB	MAR	APR	MAY	Jun		JUL.	AUG	SEP	OCT	NOV	DEC	ALL PHTHON
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			•												
:	MEAN		1	4		:			• 00	• ຕໍບ້	• 00	•00	•00	•0C "	
	S D TOTAL OBS								11	31	10	31	30	31	

USAF FTAC IUL 64 0-88-5 (OLI)

With the Carasta Carata Carata Ata **EXTREME VALUES** 2 to that is it discorted TEOM DATE DESERVATION 1111 TITING WAS CONTRACTS 1 4 1 175 1 181465 6855 17 1 1066 0 000007 MONTH ALL MONTHS +fAR JAN MAR MAY 11 5 FAI.t. 1111 M MEAN 5 0 101AL 085 USAF ETAC POPM 0-88-5 (OU)

DATA PROCESSING DIVISION ETAC/USAF AIR WEATHER SERVICE (MAC) ASHEVILLE, NORTH CAROLINA

PART C

SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

20 ATA NOT AVAILABLE

1. Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through 1968, and in tens of degrees starting in Thinks 1968.

When 90% or more of the daily observations of peak gust wind data are available for a month, the extreme is selected and printed. These values are then used to compute means and standard deviations for the entire period. Every month of a year must have valid observations present before the ALL MONTES value is selected for that year. Means and standard deviations are computed when four or more values are present for any column. A supplementary list of Peak Gusts by year-month with < 90% observations reported is also provided.

NOTE: According to Circular N specifications, "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders."

2. Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Beaufort classifications. Percentages are shown by both direction and speed, and in addition the mean wind speed for each direction.

A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VARBL.

- a. Three tables are prepared for all surface winds included, and for all years combined as follows:
 - (1) Annual all hours combined
 - (2) By month all hours combined
 - (3) By month by standard 3-hour groups
- b. A separate annual table is also presented for surface winds meeting the following ceiling and visibility conditions: INSTRIMENT CLASS: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	<u> 11:41</u>	AN NAS	MARIA	NA IS			45	-4¢	,	EARS				DHTH
		_	· · · · · · · · · · · · · · · · · · ·			ALL 12	EATHER							(L.S.T.)
						COM	DITION							
(K	EED NTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
	N	. 8		9	- 1								2.7	5.5
1	INE	. 4	.6	1.0	6								2.8	8.4
	NE	1.6	4.6	11.0	5.5	6	• 1						23,3	8,9
£	NE	.6	2.1	6.3	4.1	, 5	•0						15.6	9.6
	E	2.7	6.3	13.7		. 3	•0	.0					27.2	8,0
1	ESE	. 5	1.4	2.8	. 7	.0							5.4	7.8
	SE	1.6	2.2	3.0	. 7	0	•0	• 0		.0			7.6	6.8
- 5	SE	. 4	_ 4	5	2	. 2	1		• 0				1.8	6,8
	S	.9	1.1	1.9	ڈ ہ								4.6	7.4
5	sw	.1	.0	2		. 0	.0						. 6	10.3
	sw	. 2	.7	1.0	2	. 0							2.7	7.8
٧	/sw		. 0	2	1								. 4	8.8
	w	. 9	. 6	6	2	0							2,3	5,8
w	NW_		0										0	7.0
1	₹W	. 3			ن م								. 8	5.8
N	NW	1	. 0	1									2	5.6
٧	ARBL				L									
c	ALM		> <	><			><	><	><	$\supset <$	><	><	2.0	

TOTAL NUMBER OF OBSERVATIONS

5310

USAFETAC FORM U-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS 531

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	TINIAN NAS MARIANA IS 46												
	-				ALL W	EATHER						4	(L S.T.)
	-	- · ·			CON	DITION							
SPEED (KNTS) DIR.	1 · 3	4 · 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
. N		. 2							 	i		. 2	5.0
NNE		1.3 .6	1.9	1.7	, 2					 		4.9	9.8
NE		1.9	12.4	7,9 13.0	2.4	.6						25.8	11.2
ENE		1.3	17.1	13.0	1.5	İ				1		33.0	10.5
E	_	. 6	16,4	12.8	1.5		!					31.3	11.0
ESE	. 2	. 2	3.0	1,3				T				4.7	10.0
SE						<u></u>							
SSE	i.						j 	L					
_ s			.										
ssw													
sw							<u> </u>	İ		<u> </u>			
wsw	- ++ -									ļ			
W	1	1				ļ 				L			
WNW		H											
NW		 		;				1					
NNW	- ii	ļ	. 2					<u> </u>				. 2	7.0
VARBL		$\downarrow \longrightarrow \downarrow$	·							L			
CALM	125	$\downarrow><\downarrow$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	><	\times		
		5.1	51.0	34.7	5.6	. 4]]]			100.0	10.9

USAFETAC FORM $0.8 \cdot 3$ (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PRUCESSING BRANCH ETAC/USAF AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

TINIAN NAS MARIANA IS 46												FEB	
	_	ALL WEATHER											ALL (LET.)
					COM	DITION							
SPEED (KNTS) DIR.	1 - 3	4 · 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1							i					
NNE	, 5		1.6	1.9	1.4				i			5.8	11.
NE		1.6	8,5	12.6	4.4	. 3			L			27.5	12.
ENE	1	1,9	14,3	10.2	3.8	.3						30.5	11.
E		1.6	17.3	8.0	1.6							28.6	10.
ESE		. 3	4.1									7.4	10.
SE			, 3									. 3	10,
SSE													
S								·				<u> </u>	
ssw												L	
sw								<u></u>					
wsw													
w								ļ				4	
WNW	<u> </u>								ļ			ļ	
NW	<u> </u>	L						<u> </u>				#	
NNW									<u> </u>			 	
VARBL	L							Ļ	<u></u>				
CALM		><	><	><	><	><	$> \leq$	$\geq \leq$	><	><	><		
	. 5	5.8	46.2	35.7	11.3	. 5				,		100.0	11.

USAFETAC FORM $0.8 \cdot 3 \, (\text{OL A})$ Previous editions of this form are obsolete

DATA PROCESSING BRANCH ETAC/USAF AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

41413	TINI	AN NAS	MARIA				45					JUL
STATION			STATION	NAME					 YEARS		 	MONTH
		_				ALL	MEATHER		 			ALL
							CLASS			-	HOU	IS (L.S.T.)
		_							 			
						cc	MOITION					
		_							 			
					,			,	 			
	SPEED				1	1	1		!	i	Ħ	1

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	. 9	. 9				!			i		3.2	4,
NNE	. 5	. 3	. 1									.9	4.
NE	1.3	1.7	3.2	. 5								6.9	6,
ENE	. 4	. 5	1.9	.7	. 1							3.6	8,2
E	4,6	7.8	15,9	4,2	• 1							32.6	7.
ESE	. 1	. 4	1.7	. 4								2.7	9,0
SE	1.6	2.2	5.4	.7								9.8	7.
SSE	, 9	, 9	. 5				1	!				2.4	5,0
S	1,2	2.3	3,9	. 4	• 1							7.9	5,0
SSW	. 3	• 1	, 4									.8	5,3
sw	, 5	1.7	3.9	. 8	. 1							7.1	8.
wsw			1.2	, 5								1.7	9,0
w	3,2	3,5	3,4	1.2								11.6	6,6
WNW			. 1			-						. 1	9,(
NW	.1	. 4	1.7	. 3								2.6	8,
NNW													
VARBL												1	
CALM		><	> <	><	><	> <	><			><	><	5,9	
	16.3	22.9	44.4	9.7	. 8							100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 743

USAFETAC FORM JUN 71 0 $\cdot 8 \cdot 3$ (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH FTAC/USAF AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

41413 STATION	TINIAN MAS MARIANA IS 45	AUG MONTH
	ALL WEATHER	ALL HOURS (L.S.T.)
	CONDITION	

	23,8	29.6	37.6	4.4							_	100.0	5,
CALM	$\geq \leq$	$\geq \leq$	$\geq <$	$\geq \leq$	$\geq \leq$		$\geq \leq$	\times	$\geq \leq$	><	$\geq \leq$	4,6	
VARBL													
NNW													
NW	. 7	. 4	. 5									1.6	4
WNW													
w	2,0	- 4	.5	• 1								3,1	4
W5W	3	• 1	. 3	, 3		1						9	7
sw	. 1	2.8	6.6	. 3		1						9.8	9
SSW		.1	, 5	.4		† · – – –		·				1.1	
S .	2,8	3.2	5.0	, 8		†	t					11.8	5
SSE	, 3	.7	. 8	1-		 						1.7	
SE	5.4	4.0	3,2	, 3		 						12.9	9
ESE	. 4	1.1	.9	- 110		 	 					2.4	-6
E	5.0	6,5		1,6		<u> </u>	i – – – – –		···			24.5	6
ENE	. 5	. 8	1.3	•		†						2.8	6
NE	4.0	6.2	3.8	. 5		 		··				2.2	5
NNE	1.1	2.7	2.3			· -	 					6.0	5
N ,	1 1	2 7	2 2			 	:						
SPEED (KNT5) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEA WIN SPEE

TOTAL NUMBER OF OBSERVATIONS 744

USAFETAC FORM JUN 71 $0.8 \cdot 3$ (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH ETAC/USAF AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

TIN	IAN NAS	MARIA	NA IS			SEP							
	_	-		~	ALL W	FATHER							ALL (LEIT.)
		- -			con	DITION							
SPEED (KNTS) DIR.	1-3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 · 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	, 3										1.4	3,6
NNE		4,6	.3									1.1	5,9
NE .	1.8	4,6	3,2	2.2		Ì						11.8	7.0
ENE	1.4	4.4	4,4	1.1	1							11.5	7.0
E	5,6	12.5		3,9								37.4	6.8
ESE	1.2		4.7	.7				<u> </u>				10.6	7.1
SE	1,2	4.2	3,7	1.2								10.8	7,6
SSE	1.7	. 4	, 4	1.0	1.1	• 1	Ī	:	L	<u> </u>		3,6	12,5
\$	1.7	1.4	2.4	7	. 4	• 1		: 	-	11		6.7	7,9
55W	. 3		,4					<u> </u>	i			, 8	7,3
wswsw		<u>• 1</u>	,6									1.1	9,6
WNW	ļ}						ļ		ļ	ļ			
NW			l	L		ļ		<u> </u>	 	 		. 3	3.0
NNW		_				L			 	ļ		- 1	3,0
CALM		\sim		><							>	2.5	
	15.4	31.9	35.6	11.5	2.2	.6						100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 720

USAFETAC FORM 0.8.3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

TIN	IAN NAS	MARIA	NA IS			4.5			YEARS				CCT
					ALL W	EATHER		 -	·				ALL (CAT.)
					con	DIFION				- -			
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.3	1.3	1.7	.3						·		5,6	5,3
NNE	.5	1.5	. 3	1								2.4	
NE	2.7	7.3	12.4	2 7					 			25.0	7 2
ENE -	.8	1.3	4.8	2.7		•1			-			8,5	5,2 7,3 8,5
E	2.8	5.4	9.1	1.3	• 1	•1	.3					19.2	7.4
ESE	.8	1.3		1.2									- 107
SE	2,2	4.0					, 3		.1			6,6	8,0 7,8 9,9
SSE	1.1	7.0	5,0 1.7	.5		• 5		•1				14.0	9 0
s	. 8			1.9	. 3			•••		 		6.3	10.0
			.1	. 8	.3	• 1			·	 		1.3	10.0
ssw	. 1	. 4	.4	.3	.1	1						1,3	15,6 8,6 3,0 3,5
sw	. 1		- • •	• • •								193	3.0
wsw	- :	. 3	.3							· · · · · ·	·	1.5	3.0
WNW	• • •	• 1										103	- 3.3
													- 3.0
NW	.9	. 4	• 1									1.5	5.0 3.8 5.7
	• • •	• 3	. 4									,9	201
VARBL											$\overline{}$		
CALM		\sim	\sim	$\geq \leq$	$\geq \leq$	$\geq \leq$	\times	\geq	\sim	\geq	$\geq \leq$, A	
	16.6	25 1	41 0	12 8		, ,		1	,			100 0	9.4

TOTAL NUMBER OF OBSERVATIONS 744

USAFETAC FORM U - 8 - 3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

<u> </u>	IAN NAS	MARIA	NA IS			45	<u> </u>		YEARS				N D V
	_				ALL Y	EATHER	!						ALL
	 _				co	NOITION							
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	49 - 55	≥ 56	%	MEAN WIND SPEED
N	 	• 1	.4	.1		 		 		 	+	.7	8.6
NNE	+	• 1	, 3			<u> </u>	 					.6	9.0
NE	. 3	6.5	23.2				İ	 		i — — — —		36.1	9.0 8.6 8.4
ENE	. 4	5.0	17.9	3,3								26.7	8.4
E	1.2	6.9	13.2	2.2		1				ii		23.6	7.6
ESE	1.1	2.8	2,2			†						6.2	5.8
SE	1.2	1.5	3,1	•1			<u> </u>	<u> </u>				6.0	5,8
SSE							 						
s	1				1	1		1					
SSW	#					 	i						
sw	†				<u> </u>			<u> </u>					
wsw	1												
w	1 1												
WNW	1 ;	i											
NW	. 1											. 1	3.0
NNW						T					Í		
VARBL													1
CALM		$\geq \langle$	$\geq <$	$\geq <$	\geq		\geq	$\geq <$	\geq	><	><		
	4.4	23.1	60.3	12.2								100.0	8.0

TOTAL NUMBER OF OBSERVATIONS 720

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

41413 STATION	TIBLE	N NAS	AR I A	A IS			45			YEARS				SEC.
						ALL N	LATHER							ALL
		_				co	NOITION							
														
					τ		T		Т	Τ	T	T	T	1

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	. 3	3	. 9	- 4								1.9	R.
NNE		9	3.6	1.7					L'''	L		6.3	9.
NE	. 7	4.4	20.8	15.5	. 4							41.8	10.
ENE	. 7	1.2	10.3	8,5	. 4							21.1	10,
E	. 5	5.5	13.3	3.5								22.8	8,
ESE		. 4	3.1	. 4								3.9	8,
SE		. 1	. 9	• 1								1.2	8,
SSE	. 1	- 1										. 3	3,
5	- 1											.1	2,
ssw													
sw	. 3											. 3	2,
wsw													
w	. 1											1	1,
WNW]					
NW													
NNW													
VARBL													
CALM	><	><	> <	><	> <	><	> <	$\supset <$		><	><	• 1	
	2.0	11.0	44.1	30.1	. 8				<u> </u>			100.0	9,

TOTAL NUMBER OF OBSERVATIONS

744

USAFETAC FORM 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

TIN	IAN NAS	MARIA				46			YEARS				AN .
					ALL W	EATHER						0000	(L.S.T.)
	-				COM	IDITION				· · ·			
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE			2.8	2.8	2.8							8.3	12.7
NE	5,6	8.3		11.1								38.9	8,5
ENE		2.8	25.0	2.8								30.6	8.9
E			8.3	5,6								13.9	10.0
ESE		2.8	5.6									8.3	7,3
SE	1												
SSE	1												
\$	1												
SSW													
sw													
wsw													
w	1							<u> </u>	L				
WNW									ļ				
NW													
NNW	1			ii									
VARBL						L							
CALM		$\geq <$	$\geq \leq$		$\geq \leq$		$\geq \leq$	$\geq \leq$	$\geq \leq$	><	$\geq \leq$		
	5.6	13.9	55.6	22.2	2.8		}		1			100.0	9.1

TOTAL NUMBER OF OBSERVATIONS

_____36

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

TINI	AN NAS	MARIA	NA IS			46	· · · · · · · · · · · · · · · · · · ·		YEARS				JAN
		-			ALL W	EATHER						0300	0500
					CON	MOITIG							
SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		2,8								:		2,9	5,0
NNE	2,8	2.8	2.8									8.3	
NE		5.6 8.3	11.1	13,9	2,8							33,3	11.4
ENE			13.9	2.8	2.8							27.8	8.3
Ε		2.8	11.1	8,3								22.2	10.1
ESE	i		2.8									2,8	8,0
SE													
SSE							-						
s		<u>. i</u>											
ssw										<u>. </u>			
SW		•						L	·			<u></u>	
wsw		•								ļ			
w			;	- •					ļ <u>-</u> -				
WNW	··· - }												
NW :				·					ļ				
NNW			2.8									2.8	7.0
VARBL			لرل					Ļ					
CALM	$\geq \leq$	> <	$\geq \leq$	><	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	><	><		
	2,8		44.4	25.0	5,6	***************************************						100.0	9,4

TOTAL NUMBER OF OBSERVATIONS

36

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

TINI	N NAS	HARIAN	IA IS			46			YEARS	· · · · · ·	. — — —		JAN
	-				ALL W	EATHER						0600	0800
					CON	DITION							
SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE		5.4	2.7	1.4								9.5	7.7 11.7 9.2
NE			$\frac{2.7}{13.5}$	6,8 5,4	4.1			`		1		24,3	11.7
ENE		4.1	18.9	5.4								28.4	9.2
E		1.4	21.6	14.9								37.8	10.4
ESE							i	1					
SE													
SSE													
S		:											
ssw		ii.											
sw		:											
wsw		L l.								L			
w				!									
WNW		<u> </u>								l			
NW				i	~								
NNW	i		. —i						L				
VARBL													
CALM	><		><	> <	><	><	><	><	><				
		10.8	56.8	28.4	4.1			·				100.0	10,1

TOTAL NUMBER OF OBSERVATIONS 74

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

TIN	IAN NAS	MARIA	HAME IS			46		·	EARS				AN
	-				ALL W	EATHER						0900 HOURS	-1100
	-			· - ·	con	IDITION							
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 · 55	≥ 56	%	MEAN WIND SPEED
N	··					-				-		1	
NNE			3.2	2.2		7	· · · · · · · · · · · · · · · · · · ·	1				5.4	10,2
NE			7,5	4,3	3,2	2.2						17.2	14.0
ENE	1		6,5	21.5	1.1							29.0	12.5
E		1.1		16,1	2.2							40.9	11.3
ESE	1	T	4.3									7,5	11,9
SE												!	
SSE						i +		·	i	i		!	
S	•			;					ļ 	·			
ssw			,			!			!	ļ		ļ	
sw	·! #				-				·			<u> </u>	
wsw	1							ļ				 	
w	+	1			- ·					ļ ļ		 	
WNW	- 		<u> </u>							l		 +	
NW	 	 						ļ				¥	
NNW	<u>+</u> - ·							<u> </u>		 		 	
VARBL		k	e	<u></u>	 _			 				₩	
CALM	\geq	$\geq \leq 1$	$\geq \leq 1$	$\cdot \geq \leq \cdot $		$\geq \leq$	$\geq \leq$		$\geq \leq$	\geq	$\geq \leq$		
		1.1	43.0	47.3	6,5	2,2		}				100.0	12.1

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

41413 TINIAN NAS MARIANA IS

STATION NAME

ALL MEATHER

CLASS

CONDITION

CONDITION

			37.6	51.6	9.7	1.1						100.0	12,
CALM		$\geq \leq$	$\geq \leq$	$\geq \leq$	><	$\geq \leq$	$\geq \leq$	$\geq <$	><	$\geq \leq$	$\geq \leq$		
VARBL													
NNW												I	
NW	i												
WNW				· · ·									
w	†	•							†				
wsw			•						<u> </u>			†	
sw		• • •		•					1	i	i	· · · · · · · · · · · · · · · · · · ·	
SSW			••	•				:	 			+	
			• •					:	• -		 		
SSE	!			- •					·		-		
SE			· · ·	3,2				•		·		3,2	13
E ESE		•	15.1	15,1	7.3				·			34,4	11
ENE		-	17.2	18.3	3,2			ļ				38,7	11
NE			. <u>5.</u> 4	11.8	2,2 3,2 4,3	1.1	• -					20.4	13
NNE			<u>.</u>	3,2								3,2	13
N													
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED

TOTAL NUMBER OF OBSERVATIONS 93

USAFETAC FORM $_{JUN\ 71}$ 0 \cdot 8 \cdot 3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

4

SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

93

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1413 STATION	TIN	IAN NAS	MARIAN	IA IS		ALL W	46 EATHER			YEARS			1500	JAN 0-1700
						СОН	DITION							
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	. %	MEAN WIND SPEED
	N							ļ						-
1	NNE	4		1.1				i •	; 	<u> </u>			1,1	10.0
1	NE	!		11.8	7,5	4.3		<u> </u>	1	<u> </u>			23.7	12.4
	ENE	 	!_	21.5	18.3	1.1		i 	•	<u> </u>			40.9	11.3
1	E			12.9	14.0	2,2			1	<u> </u>			29.0	9.6
L	ESE	!		4.3	1.1			· - ———	!	<u> </u>	j		5,4	9,6
L	SE				_,			1		<u> </u>				
L	SSE		_ <u>_ i</u>						·	1	l			
L	S				i				·	1	[
Ĺ	S5W	<u> </u>			i				i 		ii			
L	_sw_		-	;						+				
Į.	wsw				i									
L	w	<u> </u>		1										
L	WNW													
1	NW			i										
	NNW													
	VARBL	I - I								1				
Ī	CALM		><	> < 1	><	><	> <	> <		$\supset \subset$		><		
ſ				51.6	40.9	7,5							100.0	11,4

USAFETAC $^{\rm FORM}_{
m JUN~71}$ 0 - 8 - 3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

TIN	IAN NAS	MARIA	NA IS			46			YEARS				DATH .
	_				ALL W	EATHER						1800	-2000
					cox	DITION							
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N							+						
NNE) 		1.4			! *	•	<u> </u>	L	+		4,1	12,3
NE		4.1	23.3			į		<u> </u>	!			30.1	8.8
ENE	·		19.2	11.0	2.7	<u>. </u>	• • • •	·				32.9	11.3
E			16,4	9,6			•	İ	ļ	1		26.0	10.7
ESE	1,4	i	5.5					<u> </u>				6.8	8,2
SE	1						<u> </u>	<u> </u>	}	<u> </u>			
SSE	· · · · · · · · · · · · · · · · · · ·									<u> </u>			
S			i			 	·		 	-		-	
\$SW_		- -				 							
SW								·		ļ		 	
wsw w									 	 		-	
WNW	 	· · · · · i				 	1	f	 	 			
NW		- i				 			1	† - ·			
NNW		t											
VARBL					-	t				T			
CALM		><	> <	> <	><		>	> <	\sim	$\supset \subset$	\searrow		
	1.4	4.1	65.8	26.0	2.7							100.0	10.2

TOTAL NUMBER OF OBSERVATIONS

33

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

41413 TINIAN NAS MARIANA IS 46 ALL WEATHER 2100-2300 CONDITION MEAN WIND SPEED 3,0 6,1 21,2 12,1 21,2 3,0 18,2 9,1 3,0 NNE ESE SE s ssw wsw WNW NW NNW VARBL CALM 9.4 6.1 66.7 24.2

USAFETAC FORM JUN 71 0 - 8 - 3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13	TIN	IAN NAS	MARIAN				46			YEARS				EB
		-				ALL W	EATHER						0600 HOURS	0-0800 (L. \$ 7.)
			- · · · · ·			COM	DITION							
	SPEED (KNTS) DIR.	t + 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
	N	"								<u> </u>	•		1	
ŀ	NNE	3.6		3.6	10.7		: • • • • • • • • • • • • • • • • • • •		i	<u></u>			10.7	6.7
ŀ	NE		1.8	10.7	10.7	3,6		ļ					26,8	11.3
L	ENE		7.1	12,5	8.9	1,8			·	<u>.</u>	· i		30,4	10.1
Ļ	^E		1.8	21.4	1.8	1.8		<u> </u>	<u> </u>	 			26,8	9,5
	ESE .		1.8	1.8	1.8				1	ļ 			5,4	8,7
	SE													
	SSE									ļ <u>-</u> -			L	
	S									+				
	SSW								!					
ĺ	SW								1					
	wsw					- 1 -	· 							
I	w	li l												
ſ	WNW	T i												
[NW	<u>.</u>												
ſ	NNW													
I	VARBL									<u> </u>	1			
	CALM		><	$\geq <$	≥ 1	><	> <	$\geq \leq$	><	\geq	$\supset <$	><		
		3.6	14,3	50.0	25.0	7.1							100.0	9,8

TOTAL NUMBER OF OBSERVATIONS

56

> NW NW NNW VARBL

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

41413	TINI	AN NAS	MARIAN	A IS			46			YEA 95				EB
21-11-0-		-				ALL W	EATHER				<u>-</u>		0900	C-1100
						CON	DITION							
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
	N	+												
	NNE	<u>.</u>	ļ	1.2	1.2	1.2							3,6	13,7
	NE	i		6.0									29,8	14.4
	ENE	4	1.2	17.9			1.2				!		33,3	11.8
	E			16.7	9,5								26.2	11.2
	ESE	<u>.</u>	l	4 , 8					<u> </u>				6,0	10.0
	SE			1,2]				1,2	10,0
	SSE													
	S		·	- 1										
	ssw											•		
	sw				1						1	-		
	wsw													
	w													

TOTAL NUMBER OF OBSERVATIONS

100.0 12.4

USAFETAC FORM 0-8-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

47,6 34,5 15.5

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

TINI	AN NAS	NAS MARIANA IS STATION NAME YEARS									- - !	EB ONTH	
	_				ALL W	EATHER						1200	0-1400
	-				сон	DITION							
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 · 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N										-			
NNE			1.2	2,4	2,4				<u> </u>	 		6,0	14.0
NE		† <u>-</u>	9,5	10.7	1,2	1.2			† — —			22.6	12.6
ENE		1.2	6.0	14.3	4.8				†	1		22,6	13.9
E		2.4	20.2	10.7 14.3 8.3	4,8				T			35,7	10.9
ESE		-	2.4	7.1								9.5	14,0 12,6 13,9 10,9
SE									-			Y	
SSE								1	 				
5												i i	
SSW													
sw													
wsw													
w													
WNW													
_NW									ļ				
NNW										↓			
VARBL										k			
CALM	$\geq \leq$	\geq	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$		
		3,6	39,3	42.9	13.1	1.2						100.0	12.5

TOTAL NUMBER OF OBSERVATIONS 8

	JUN 71	0 0 0 10 27	 	5555272	
			 · ·		

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

_TIN	LAN NAS	MARIAN	A IS			46			YEARS				F E B
	_				ALL W	EATHER		· · · · · · · · · · · · · · · · · · ·				1500	1700
					CON	DITION							
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 . 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE	!			2,4	2,4							4.8	15.3 12.5 12.8
NE			9.5	11.9	4.8							26.2	12.5
ENE			11.9		6.0							29.8	12.8
E		1.2	16.7	11.9	1.2							31.0	10.8
ESE			6.0	2.4								8,3	10.3
SE													
\$5E													
S													
SSW								<u> </u>				l!	
sw												1	
wsw									L				
_w	ii												
WNW													
NW			i						L			 	
NNW													
VARBL												1	
CALM	>		><	><	$>\!\!<$	$\geq <$	><	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$		
		1,2	44.0	40.5	14,3							100.0	12,0

USAFETAC FORM JUN 71 0 - 8 - 3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

TIN	TAN MAS	MARIA	NA IS			46			YEARS				EB
					ALL I	EATHER						1800	-2000
	-					LASS	· · · - · - · - · - · - · · - · · · · · · · · · · · · · · · · · · · ·						(L.S.T.)
	_		:=										
					cor	BOITION							
	-		. ———										
													_
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE	1		3,6	1.8				!				5,4 33,9	11,0
NE		8,9	7.1	16.1	1,6	Ĭ		Ţ				33,9	10.8
ENE		1.8		5,4				i				33.9	9.3
E	i	3.6	10.7	5.4								19.6	9.1
ESE			5.4	1.6								7.1	9,3
SE													
SSE					_								
S		1 1				i	1	·					
ssw									l				
SW	[1	<u>i</u>						
wsw	ī L					i	<u>i</u> _	<u> </u>					
w							Ĺ		L				
WNW	[i					ļ						ļ	
NW		L						L	L				
NNW							<u> </u>						
VARRI	7												

TOTAL NUMBER OF OBSERVATIONS

9,8

100.0

USAFET	AC	FORM JUN 71	0-8-3 (OL A)	PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
•	-			

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

TINI	AN NAS	MARIAN	NA IS			45			YEARS				JUL DRITH
		·				EATHER							-0200
					cı	ASS						HOURS	(L S.T.)
	_				CON	DITION							
SPEED (KNTS)	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND
DIR.								ļ		· · · · · · · · · · · · · · · · · · ·			SPEED
N	1.1			i			: 	ļ	<u> </u>	<u> </u>	· · · · · · · · · · · · · · · · · · ·	1,1	3,0
NNE	111						 		ļ	1		1,1	3,0
NE	2,2	1.1	1.1					ļ				4,3	4,8
ENE	1,1	i	!									1,1	3,0 4,8 3,0 5,9
E	10,9	15.2	16,3									42,4	5,9
ESE								ļ					
SE	1.1	1.1	2,2	1.1					i	<u> </u>		5,4	6,8
SSE	1.1		i				•		·	1		1.1	3.0
S	3,3	2.2	4,3		1,1				·			10,9	3, (6, 6 5, (9, !
SSW	1,1		1.1				:			ļ		2,2	5,0
5W			5,4	1.1			<u> </u>			L	<u></u>	6,5	9,
wsw										l		<u> </u>	
w	4,3	3.3		i				·	L	ll		7,6	3,4
WNW				:						<u> </u>			
NW			1.1						ļ	ļl		1.1	10.0
NNW	\									ļ			
VARBL													
CALM	><1	><	><	><	><	><	><	><	><	><	><	15.2	
	27,2	22.8	31.5	2,2	1,1							100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 92

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

41413 TINIAN NAS MARIANA IS
STATION NAME

STATION NAME 0300-0500 ALL WEATHER MEAN WIND SPEED 1.1 4,0 NNE NE 2.2 2.2 ENE ESE SE SSE 3,2 \$ SSW 3,2 3,2 wsw 6.8 WNW NW NNW VARBL 12.9

TOTAL NUMBER OF OBSERVATIONS

4.8

100.0

USAFETAC FORM JUN 71 0 \cdot 8 \cdot 3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

24,7 26,9

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

TIN	IAN NAS	MARIAN				45			(EARS			-	JUL
					ALL X	EATHER							0=0800
	-				co	NDITION							
SPEED (KNTS) DIR.	1 - 3	4 · 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N.	-	1.1						!	•			1,1	6,0
NNE							•	· 	 				
NE		2.2	3.2				·	·				5,4	6,8
_ ENE	6,5	7.5	19,4	 		·			 			8,6 33,3	7.1
ESE	+		1 1				•——					1.1	9.0
SE	5,4	3.2	2,2				·	·		 		10.8	4,5
SSE	3,2			!		÷			j			3,2	3,0
5	1,1	2,2	1.1	ļ · · · ·		!			t			4,3	5,5
SSW	i 1		1.1	J								1,1	7,0
SW	2,2	1.1	4,3	2.2								9,7	7,9
wsw						ļ	ļ 	· •					
w	2.2	5.4	3,2			 			ļ	ļi		10.8	5,2
WNW	"	i			ļ ——	 				<u></u>			
NW	1.1					 		ļ				1.1	2,0
VARBL	 					 							
CALM			><									9,7	
	21.5	24,7	41.9	2,2	<u> </u>	*						100.0	5,5

TOTAL NUMBER OF OBSERVATIONS

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

41413 TINIAN NAS MARIANA IS

STATION NAS MARIANA IS

ALL WEATHER

CONDITION

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	 	48 - 55	≥ 56	*	MEAN WIND SPEED
N	2.2					Ţ			:			2,2	1.5
NNE	1.1	1.1	Lal	1						-		3.2	6,0
NE	1.1	l.l	4,3				-					6,5	6.
ENE	1,1		4.3	3,2]				•		8.6	9,1
E	1,1	1,1	16,1	6,5		<u> </u>						24.7	9.
ESE	_	1.1	3,2	1.1				`				5.4	9.2
SE	1.1		8.6	2.2			:					11.8	9,4
SSE						I						i	
S		1.1	4,3	1.1		J	:					6,5	8,
ssw	T i											1.1	8.0 9.8 6.3
SW	1.1	5.4	3.2				İ					9.7	5,9
WSW			3.2	1.1								4,3	9,8
w	4.3	3.2	3.2	2.2				Ĭ	i	İi		12.9	6.3
WNW										i			
NW		1.1	1.1						I			2,2	7,0
NNW	!												
VARBL	[
CALM		><	><	> < 1	><			><		><	><	1.1	
	12,9	15.1	53,8	17.2		1	T	-				100,0	8.0

TOTAL NUMBER OF OBSERVATIONS 93

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

41413 STATION	TINIAN NAS MARIANA IS	45	YEARS	JUL
	•	ALL WEATHER		1200-1400 HOURS (L.S.T.)
		CONDITION		

	3,2	14.0	61.3	20.4	1,1							100.0	9
CALM		,><	$\geq \leq$	$\geq \leq$	_><_	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	><	$\geq \leq$		
VARBL	1 	ا احد >			<u> </u>	Ļ	Ļ		Ļ,	<u></u>		ļ	
иим	1 1						L						
NW	ļi	1.1	3.2	1.1		<u> </u>						5.4	8
WNW			1.1 3.2						I			1,1	8
w	I	2.2	5.4	1.1	1.1				<u> </u>			9.7	9
wsw			3.2	1.1		1			1			4.3	8
sw		1 · 1 3 · 2	4.3									7,5	8
ssw							i					1.1	4
s		2.2	6.5	1.1		1		•	1	ii		9.7	8
SSE	·i		1.1	<u></u>					 			1.1	10
SE		i	11.8			 		l				11.8	8
ESE	 -	9 . 5	3.2	1.1		 -	+	ļ	 	 		4.3	10
E	 	3.2	2,2 14,0	12,9		·	·	·	 	 		30.1	10
NE ENE	2.2		4.3	2.2		ļ	ļ					8,6	9
NNE	101	· · · •				ļ <u></u>		i	 			1.1	3
_ N	1	1.1	1.1			ļ	·			<u> </u>		2,2	6
SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED

TOTAL NUMBER OF OBSERVATIONS

93

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

41413 TINIAN NAS MARIANA IS
STATION NAINE

ALL WEATHER
CLASS

HOUSE (LET.)

	3.2	12.9	68.8	12.9	1.1]]				100.0	8.
CALM		$\geq \leq$	$\geq \leq$	$\geq \leq$	> <	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	1.1	
VARBL			,				Ļ		Ļ	Ļ			
NNW								L	l				
NW			4.3					L				4,3	8,
WNW													
w		3.2	7,5	4,3								15,1	10
wsw			3.2									3,2	7,
SW		1.1	4,3									5,4	6 8 3
ssw	1.1											1,1	3
_ s		3.2	4.3	1.1								8,6	8
SSE		1.1										1,1	6
SE	 	1.1	10.8							f		11,8	10
ESE	 		3,2	1.1					t	 		4.3	10
E	•••	2.2	20,4	5,4		·				 		28.0	9
ENE	1.1	- 1	2.2		1.1			<u></u>	i	t		4.3	8
NE	1.1		4.3	1.1					i	†		5,4	3 9
NNE		1.1	4.3				· · · · · · · · · · · · · · · · · · ·		 		· · · · · · · · · · · · · · · · · · ·	5.4	- 3
N		1	. 1						1				7
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED

TOTAL NUMBER OF OBSERVATIONS

93

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	TIN	IAN NAS	MARIA!				45	·		YEARS	· · · · ·			JUL
		_	·· ····				EATHER						1800	0-2000
		_				сом	DITION							
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
	N	2.2	1.1	2.2									5,4	5,4
	NNE	i	1.1					1					1.1	6.0
	NE	1	5,4	4.3									9.7	6.6
	ENE									1				
	E	3,2	7.5	16.1	5,4	1.1		I					33.3	8.1
	ESE		1.1	2.2				 					3,2	7.3
	SE	1.1	6.5	1.1	1.1								9,7	7.3
	SSE		1.1	1.1						1			2.2	6,5
	S		4,3	3,2									7.5	6,5
	ssw													J
	sw	i .	1.1	3,2									4,3	8,5
	wsw	I I												
	w	3,2	5,4	4.3	2.2								15.1	6,8
	WNW	<u> </u>												
	NW	ļ:		4.3	lel								5,4	9.4
	NNW	L	!	1										
	VARBL	<u> </u>	e		e	~	L			Ĺ				
	CALM		$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$> \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	><	><	3.2	
	1		34.4	4. 4						J	J J			

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

TINI	AN NAS	MARIA!	NA IS		A1 b 12	45			YEARS				JUL IONTH
					ALL Y	EATHER						HOURS	0-230
					cor	NOITION							
SPEED (KNTS)	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND
DIR.							l						SPEED
N N	5,4	2 • 2				ļ			ļ <u>.</u>	<u> </u>		7.5	2 •
NNE													
NE	2.2		2,2	1.1								7,5	6,
ENE	ļ — <u> </u>	1.1		1.1								2.2	7,
E	5,4	14.0	12.9	3.2					<u> </u>	ļ		35,5	6,
ESE							· 						
\$E		4,3	3.2	1.1					ļ			8,6	7, 6,
SSE	ļ <u>.</u>	3,2	2,2				ļ	<u> </u>	ļ	ļ		5,4	٠,
S	1.1	2.2	4,3						ļ			7,5	
ssw												l	
sw	 	1.1	3,2		1.1							5.4	9,
WSW				2.2								2.2	14,
w	8,6	3.2	1.1			}			 			12.9	3 0
NW	 	1.1				 				-		1.1	
NNW		107				 		ļ				404	4_
VARBL							 			ļ		 	
CALM												4.3	
	22,6	34.4	29.0	8.6								100.0	6.

TOTAL NUMBER OF OBSERVATIONS

93

USAFETAC FORM JUN 71 $0.8 \cdot 3$ (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

TINI	AN NAS	MARIA	HANE IS			45			rEARS.				AUG
	_	·			ALL W	EATHER		· · · · · · · · · · · · · · · · · · ·				0000	0-020
					сон	SITION							
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	5.4	2.2									8.6	4.
NNE													
NE	3,4	14.0	3,2									22.6	4,0
ENE	1.1											1.1	3,6
_ E	6,5	7.5	7.5							<u> </u>		21.5	3,0 5,0 5,1 4,1 5,0 7,0
ESE	1,1		1.1							I		2.2	5,!
SE	9,7	8.6		1.1				i				19.4	4.
SSE	L	1.1				L						1.1	5.0
. s	2,2		2,2	1.1					· 			5,4	7.0
SSW SW		2.2	9,7	1.1				<u> </u>				12.9	8.3
wsw													
w	2,2											2.2	2.5
WNW													
NW													
NNW													
VARBL													
CALM	$\geq <$	$\geq <$	$\geq <$	$\geq \leq$	$\geq \leq$	><	$\geq <$		> <		><	3.2	
	29.0	38,7	25,8	3.2								100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 93

USAFETAC FORM JUN 71 0 $\cdot 8 \cdot 3$ (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

41413	TINI	AN NAS	MARIA						45									AUG
STATION			STATIC	ON NAME									YEARS					MONTH
						AL	LW	EAT	HER								030	0-0500
		_					С	LASS							_		HOU	IS (L.S.T.)
		_																
							CON	DITION										
		_																
_										,		,		_		r .		
ļ	SPEED (KNITS)	1.3		7 10	11 14	17	- 21	22	27	20	22	24 40		.,	40 55	> **		MEAN

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 · 27	28 · 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		5.4	1.1									6,5	5,3
NNE	1.1	1.1										2,2	5,3 4,0
NE	4,3	8,6										16,1	5.1
ENE			2,2									2.2	7.0
E	5,4	11.8	6,5	1.1								24.7	5.7
ESE		3,2										3,2	5,0 3,6
SE	4,3	4.3										8,6	3.6
SSE													
S	4.3	4,3	5.4									14.0	5,5
SSW			1.1									1.1	7.0
sw		3.2	3,2									6,5	7.0 6.8
wsw													
w	3,2	1.1										4,3	2,8
WNW													
NW	1,1	1.1										2,2	3,5
NNW										ĺ			
VARBL													
CALM		><	><	><	><		><	><	><	><	><	8,5	
	23.7	44.1	22,6	1.1								100,0	4,8

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	MIAN MAS	STATION	HYRE TO			92		·-·	YEARS				IONTH
					ALL W	EATHER						0604	0=0800 E(L.E.T.)
					CON	NDITION							
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	1.1	3.2	4.3		-							8,6	5,9
NNE	3.2						ļ		T			3,2	2,7 3,6 5,5
NE	5.4	5.4			[T		 				10.8	3,6
ENE	1	3,2	1.1	1						1	, ——	4.3	5,5
E	0.5		14.0			† · · · · · · · · · · · · · · · · · · ·		1				23.7	7.0
ESE	1.1				·							1.1	3.0
SE	6.5	3.2	1.1	1								10,8	3,0 3,7
SSE			1.1		<i>[</i>							1.1	7,0
\$	6.5	5,4	2.2									14.0	7,0 4,4 12,0 7,6
ssw				1.1								1.1	12,0
sw	Į.	3.2	3.2	1.1				ļ			ļj	7,5	7.6
wsw					Ī	<u> </u>						 	
w				L!	L				<u> </u>	1		L	
WNW	!			l !	<u></u>			ļ		<u> </u>			
NW				.		<u> </u>		↓	<u> </u>	1		1	
NNW	i				<u> </u>	ļ						 	
VARBL						Ĺ				L	<u></u>	 	
CALM		\sim	\sim		\sim		\rightarrow		\sim		><	14.0	. 1

TOTAL NUMBER OF OBSERVATIONS

100.0

USAFETAC FORM $0.8 \cdot 3$ (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

30.1 26.9 26.9 2.2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	IAN NAS	MARIA	NA IS			45			YEARS				AUG
	-					EATHER		·				0900	0-1100
	-				to	NDITION							
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 · 55	≥56	*	MEAN WIND SPEED
N	1	3.2		1		 						3,2	5,3
NNE	1		1.1						1	1		1.1	9.0
NE	2.2	4,3		3.2								14.0	9.0
ENE			1.1			1						1.1	10.0
E		4,3	17.2	2.2		1				1		23.7	8,5
ESE		1.1	3.2									4,3	7,8
SE	5,4		8.6	1.1								16.1	7,8
SSE	1.1											1.1	3.0 7.1
S	2,2		6,5	2,2				1	Ĺ			16.1	7.1
55W				1.1				İ				1.1	14.0
5W		5.4	6,5					i				11.6	7,3
wsw				1.1								1.1	15,0
w	3,2		1.1	1,1						L		5,4	5,2
WNW						<u> </u>		<u> </u>	ļ				
NW				L						L		L	
NNW	<u>.</u>	L		L								ļ	
VARBL				ļ		Ļ		<u></u>					
CALM		$\geq \leq$	$\geq \leq$		$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$		
_	14.0	24.7	40.5	11.8	Ì	1				1 !		100.0	7.4

TOTAL NUMBER OF OBSERVATIONS

93

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

41413 STATION	TINIAN NAS MARIANA IS		YEARS	AUG
		ALL WEATHER		1200-1400 HOURS (L.S.T.)
		CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 · 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N			1.1						T			1.1	7.0
NNE			1.1									1.1	10.0
NE	1.1	3,2	6,5	1.1		T						11.8	7,4
ENE		1.1		1.1								2.2	10.0
E	3,2	3.2	15.1	5,4				T				26.9	8,1
ESE		1.1	2.2									3.2	8.0
SE	2,2		9.7		·							11.8	7.5
SSE								T	T			- 	
5	2.2	6,5	10.8	1.1			I					20.4	6,9
SSW			2,2	1.1								3,2	10.3
sw		2.2	7.5					1	T			9,7	8,4
wsw						1	1	ļ	T				
w	2,2	1.1	2,2									5,4	5,6
WNW								1				,	
NW		1.1	2.2					1				3,2	7.0
NNW									1				
VARBL									1	1		1	
CALM		><	><	><	> <		><	$\supset <$		><	> <		
	10.8	19,4	60.2	9.7	- -							100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 93

USAFETAC FORM JUN 71 0 - 8 - 3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	IAN NAS	STATION	MAHE			45			EARS				AUG
					ALL W	EATHER						1500	-1700
	_					LASS						HOURS	(L.S.T.)
					cox	DITION				_			
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N		1.1	4.3									5,4	7.2
NNE	1		1.1							-		1.1	8.0
NE	2.2	4.3	3.2									9.7	8.0 5.9
ENE	1.1		3,2						-			4,3	7.3
E	1.1	9.7	14.0	3,2				·				28.0	7,3 7,6
ESE	1,1											1.1	3.0
SE	2.2	5.4	2.2								1	9.7	3,0 5,2
SSE		2.2	2,2							i	1	4.3	6,8
5	1.1	2.2	8.6	2,2						1		14.0	7,6
ssw			1.1							t		1.1	10.0
sw	1.1	1.1	9.7								1	11.8	7.4
wsw			2,2	1.1								3,2	9,3
w	1.1	1.1										2,2	4.0
WNW											1		
NW	2,2		1.1									3.2	4,3
NNW											Ţ		
VARBL													
CALM		><1	><	><	$\overline{}$	> <	>	> <	> <	\sim	><	1.1	
	12.9	26.9	52.7	6.5	***************************************							100.0	6.9

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

TIN	IAN NAS	MARIA	NA IS		_	45			YEARS				LUG
					ALL W	EATHER						1800	2000
					co)	HOITION							
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	26 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	2.2	4.3						 			8,6	5,5
NNE	1.1	2.2								<u> </u>		3,2	4.0 4.7 4.5 6.7
NE	4.3	5.4	3,2		ļ							12.9	4.7
ENE		2,2				1						2.2	4.5
£	5,4	4.3	10,8	1.1		1				1		21.5	6,7
ESE		1.1	1,1									2,2	5.5
SE	5.4	5.4	2.2									12.9	4.6
SSE	1.1	2.2	2,2						J			5.4	5,4 4,7
5	3.2	2.2	1.1									6,5	4,7
SSW		1.1										1,1	4.0 6,6 3,3
sw		2.2	5,4		!							7,5	6,6
WSW	2,2	1.1			Ī							3,2	3,3
w	3,2		1.1									4,3	3,5
WNW	,											L	
NW	1.1	1.1	1.1									3,2	5.0
NNW													
VARBL		\Box								L			
CALM		$\geq <$	><	><	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	><	><	5.4	
	29.0	32.3	32.3	1.1]				100.0	5.0

TOTAL NUMBER OF OBSERVATIONS

93

USAFETAC FORM JUN 71 0 - 8 - 3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

41413	TINIAN NAS MARIANA IS	45	AUG
STATION	STATION NAME	TEARS	MUNTH
		ALL WEATHER	2100-2300
		CLASS	HOURS (L.S.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	4,3	1.1	1.1			ļ						6.5	4.0
NNE	4.3	1.1										5.4	3,6
NE	7.5	4.3	6.5								i	18,3	5,1
ENE	2.2		3,2									5,4	6,4
E	11.8	7.5										25.8	4.6
ESE		2.2										2.2	5,5
SE	7.5	4.3	2,2				1					14.0	4.2
\$5E			1.1									1,1	7,0
S	1.1		3,2					!				4,3	6,0
ssw													
sw		3,2	7.5					i	i			10.8	7.1
wsw													
w	1.1											1.1	2.0
WNW													
NW	1.1]							1.1	1.0
NNW													
VARBL													
CALM		><	><	> <			> <		>		> <	4.3	
	40,9	23,7	31.2		T	>						100.0	4.

TOTAL NUMBER OF OBSERVATIONS

93

SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

TIN	IAN NAS	MARIAN	MAME IS			45			YEARS				SEP
		ALL WEATHER										0000	0200
						-433						MOURS	(L.S.T.)
					CON	DITION							
SPEED													MEAN
(KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	SPEED
N	2.2	1.1										3,3	3,0
NNE	1.1	1.1									i	2,2	3.0
NE	2.2	4,4	1.1			<u> </u>						7.8	4.4
ENE		4,4				<u> </u>			ļ <u></u>			4,4	5.5 5.9
E	6,7	22,2	10,0									42.2	5,9
ESE		3.3	6.7		2.2	!		Ĺ				12,2	9,6
SE	1.1	5,6						<u> </u>		L		6.7	4.2
SSE	2.2	1.1			,				ļ	L		3,3	3,7
S	3,3	3,3	2,2	2.2		1.1		!				12.2	8,5
ssw	·\$!							L	i	L		1	
sw	 					ļ		<u> </u>	.	ļ			
wsw	#							ļ		ļi			
w										ļ			
WNW	#				, <u></u>			 	ļ	<u> </u>		-	
NW	#									 		ļ	
NNW	¥									 - 			
VARBL	+									L		 	
CALM		$> \downarrow$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	5.6	
		44 7	30.0	= 4	2 2				1	1		100 0	E 0

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	_1 I W	IAN NAS	MARIA	NA IS			45			SEP MONTH				
•						ALL W	EATHER USS			TEARS		0300	-0500	
						COM	DITION							
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
	N										•			
į	NNE	2.2	1.1	1.1			i			<u></u>			4.4	5.0
L	NE	<u> </u>	6,7	. 1.1	1.1					1			8,9	6,4
į.	ENE	2,2	4.4	4,4					}	j			11.1	5,6
Ĺ	E	6.7	16.7	17.8						! 			41.1	5,9
1	ESE	1.1	5,6	3,3									10.0	5,7
	SE	3,3	3,3		1.1	1.1	1.1						10.0	8,3
[SSE				1,1				<u> </u>				1.1	11.0
	S	3,3	1.1		1.1	2.2				1			7.8	5,6 5,6 5,7 8,3 11,0
	ssw	5 L		2,2					i				2,2	9.0
	sw						i						1	
[wsw													
- 1	w												1	
	WNW	 									 		 	
	NW		i	i			ļ		 				 	
Į.	NNW								ļ	L	L		.	
	VARBL						L						.	
l	CALM		> <	$\geq \leq$	$\geq \leq$	$\geq \leq$	><	$\geq \leq$	><	$\geq \leq$	$\geq \leq$	$\geq \leq$	3,3	
Ī		18,9	38.9	30.0	4,4	3,3	1.1						100.0	6,3

TOTAL NUMBER OF OBSERVATIONS

90

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

TIN	AN NAS	MARIA	NA IS			45	÷ · · · · · - ·	·	rEARS				SEP
	-				ALL W	EATHER						_060	0-0800
					сон	DIT10N							
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	ļ <u>i</u>	1.1										1,1	5.0
NNE	1									1			
NE	3,3	11.1	2.2	1.1					·	T		17,8	5.5
ENE	1.1	8.9	3.3	2.2				:				15.6	5.5
E	2,2	8.9	14.4	2.2							i	27.8	7.0
ESE	1.1	2.2	5.6									8.9	7.0
SE	3,3	4.4	2.2		1.1			!				11.1	6.6
SSE	1	-			2,2	,					i	2,2	17.0
s	3,3	1.1	3,3	2.2								10.0	17.0
ssw			1,1									1,1	9.0
5 W													
wsw		. 4											
w	4	1							ļ				
WNW	 		i										
NW	1,1										#	1,1	2.0
NNW													
VARBL	<u> </u>	< -					<						
CALM		$\geq \leq \downarrow$	_><_	$\geq \leq 1$	$\geq \leq$	> <	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	> <	3,3	
	15,6	37,8	32.2	7.8	3,3							100.0	6,7
									TOTAL NU	ABER OF OBS	ERVATIONS		90

DATA PROCESSING BRANCH

SURFACE WINDS

ETAC/USAF AIR WEATHER SERVICE/MAC PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

41413 TINIAN NAS MARIANAIS
ALL WEATHER
CLASS
STATION MANE
ALL WEATHER
D900-1100
HOUSE (LS.T.) ALL HEATHER

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
_ N													
NNE						·			<u> </u>		<u>. </u>		
NE		2.Z 3.3	4,4	4,4				<u> </u>			İ	11.1	9.7
ENE	1.1	3,3	6,7	3,3				i		<u> </u>	! i	14.4	8.2
E	2,2	4,4	21.1	10.0					1			37.8	8,5
ESE		3.3	5.6	2.2						İ		11.1	7,7
SE	1.1	2,2	4,4	3.3				-				11.1	9,4
SSE	7				1.1	1.1						2,2	22.5
S	1.1	1.1	6.7		1.1							10.0	22.5
ssw	1.1											1.1	3,0
5W													
wsw													
w													
WNW													
NW													
NNW													
VARBL													
CALM		><	><	><	><	><	><		><	><	><	1.1	
	6,7	16.7	48,9	23,3	2,2	1.1						100.0	8.8

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

TIN	IAN NAS	MARIA	NA IS			45			YEARS				SEP
	-				ALL W	EATHER						1200	0=1400 * (L.S.T.)
	_				сок	MDITION							
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	# 1			[T .		
NNE	!										1		
NE		1.1	8.9	2.2								12,2	9.1
ENE	1	1.1	6,7	2,2 7,8						1	1	10.0	9.0 8.5 8.9
E	1.1	6,7	20.0	7,8								35,6	8,5
ESE	<u> </u>	1,1	12.2	2.2							7	15,6	8,9
SE	!	4.4	6.7								, i	15,6	8,7
SSE	T !	1		1.1	1,1	,						2,2	
S	L	1.1	3,3		,			1				4,4	7.3
ssw		!		1.1	ا ا	ļi	i	<u></u>				1,1	11.0
sw	<u> </u>		1.1	2,2	L		 _	<u> </u>	<u> </u>		<u> </u>	3,3	12.0
wsw	<u> </u>	1	J	LJ	l — —'	<u> </u>	L	<u> </u>			L		
w		L	, <u>_</u>		<u> </u>	<u> </u>	L	L	ļ				
WNW	j	1		LJ	L'	ļ	L		ļ		L		
NW	4		!	1	i	<u> </u>	└	L'					
NNW	4	 			 	<u> </u>	L	ļ <u>.</u>	L		J		
VARBL	ز ز		<u> </u>	$oxed{oxed}$	L	<u> </u>	Ļ'			<u> </u>	لـــــــا		
CALM			$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$		
	1 , ,	18.4		99 3		,	(<i>i</i> 7		

TOTAL NUMBER OF OBSERVATIONS

90

SW WSW W

NNW

VARBL

CALM

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

413	TIN	IAN NAS	MARIAN		,		45			CARS				E P
		_				ALL W	EATHER						1500	1700
						CON	IDITION							
	SPEED (KNTS) DIR.	1 - 3	4 · 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	ò	MEAN WIND SPEED
f	N	1					·				,			
<u> </u>	NNE	= ·											9	
T	NE		5,6	6,7	3,3								15.6	8,1
Γ	ENE		4.4	7.8									12.2	7.1
	E	4.4		16.7	3.3		i						33.3	7,3
Γ	ESE	2.2	5,6	3.3									11.1	5,9
	SE		5.6	6.7	1.1								13,3	7,8
-														
í	SSE		}	1.2	2.2	1.1	ļ		<u> </u>				3.3	14.8

100.0 7.5

10.0

3.0

1,1

2.2

USAFETAC FORM JUN 71 0 \cdot 8 \cdot 3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

45,6 11,1

2

DATA PRUCESSING BRANCH ETAC/USAF AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

TIN	IAN NAS	MARIA	NA IS			45			YEAPS				SEP
					ALL W	EATHER				<u>-</u>		1800	2000
	_				CON	DITION							
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1								 	 		1.1	3,0
NNE	-		1.1	1.1			İ		1	1		2,2	10,5
NE	2.2	2.2		5.6				-				10.0	8,4
ENE	3,3	3,3										12.2	5.7
E	11.1	16,7						·		T		40.0	5,5
ESE	3.3					i						6.7	3,8
SE	1.1	5.4	7,8									14.4	6,6
SSE	1.1		1.1		3,3							6,7	11.7
S		1.1				Ī						1.1	5,0
ssw					-,								
sw	1	1.1	1.1			<u></u>		i				2.2	5.5
wsw													
w								ļ					
WNW	<u></u>									L			
NW						ļ			ļ	ļ. <u></u>			
NNW	#								ļ	ļ			
VARBL	_		<u>,</u>			ļ		Ļ	L	Ļ		L	
CALM		$\geq \leq$	$\geq \leq$	><	$\geq \leq$	> <	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	3.3	
	23.3	34,4	26.7	8.9	3,3	1	Ì		1			100.0	6.2

TOTAL NUMBER OF OBSERVATIONS

_90

USAFETAC FORM JUN 71 $0.8 \cdot 3$ (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PATA PROCESSING BRANCH ETAC/USAF AIR *EATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

3	TINI	AN NAS	MARIAN	A IS			45			EARS -			·	SEP
		_				ALL WI	EATHER						2100	2300
						con	DITION							
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
	N	4.4		1.1									5.6	3.8
L	NNE	i												
L	NE	6.7	3.3	1.1									11.1	3,6 7.0
	ENE	3,3	5,6	1.1	1.1	1.1							12.2	7.0
Γ	ŧ	10.0	15,6	12.2	2,2		1.1						41.1	6.4
Γ	ESE	2.2	4.4	1.1	1.1								8,9	5,6
	SE		2.2	2.2									4,4	6,0
	SSE	1.1	1.1	1.1	3,3								6.7	6,0 10,2
	s	1,1	1.1	2,2									4.4	5.8 3.0
	ssw	1.1											1.1	3.0
	sw	Li												
_	wsw													
Ĺ	w												i	
L	WNW]
Ĺ	NW		1.1										1.1	4.0
	NNW			i										
Ĺ	VARBL]
	CALM	$\geq <$	$\geq \leq$	><	><	$\geq \leq$	><	><	$\geq \leq$	><	><	><	3,3]
ſ		30.0	34,4	22,2	7,8	1.1	1.1						100.0	6.0

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM 0-8-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH FTAC/USAF AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

41413 STATION	TINIAN NAS MARIANA IS	4.5 YEARS	<u>BCT</u>
		ALL WEATHER	0000-0200 Hours (L.s.Y.)

SSW		- 1			1	I			 1	D I	
5	1.1		5,4	1.1						7,5	9
SE SSE	2.2	4.3	2.2 3.2	2.2					 	10.8	6 7 9
ESE	2,2	1.1	2.2	2.2						7.5	7
ENE	4.3	8.6	3,2 6,5	1.1	1.1	1.1	 ļ		 	21.5	12
NNE NE	4,3	2.2 8,6	5,4 3,2	2.2						2.2	5
N	6.5	1.1	1.1							8,6	3

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM JUN 71 0 \cdot 8 \cdot 3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PRUCESSING BRANCH FTAC/USAF AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

3	TIN	AN NAS	MARIAN	HAME			45			EARS.				OCT
						ALL W	EATHER						0300	0-0500
						-								. (1.2)
						CON	DITION							
Г	SPEED		 -											MEAN
	(KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	WIND
	N	5,4	1.1	1.1									7.5	3.6
	NNE	1.1	5.4										6,5	4,5 6,2 4,2
	NE	5,4	8,6	8,6	1.1								23.7	6,2
	ENE	2,2	2.2	1.1									5.4	4,2
	E	5,4	4.3	7,5		1.1		2.2					20.4	9.1
	€S€	1,1	5.4	1.1									7,5	5,3
	SE	3,2	4,3	1.1									8,6	
	SSE	3,2											3,2	2,7
	5	2,2	4.3	5,4	1.1								12.9	6.8
	ssw													
	sw									·				
L	wsw													
L.	w	l					<u> </u>							
L.	WNW						Ĺ			ļ				
	NW	1,1	1.1				L						2,2	3,5
L	NNW	L 1		1.1			ļ						1,1	8,0
L	VARBL					<u></u>	Ĺ							
L	CALM		$\geq \leq$	$\geq <$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	1,1	
_													100.0	

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM JUN 71 0 - 8 - 3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

41413	TINIAN NAS MARIANA [5	45			 UCT
STATION	STATION NAME			YEA	AS	MONTH
		ALL W	EATHER			0600=0800 HOURS (L.S.T.)
	AAAT-LILAN TO LIAN TO AAA AATTALAA	col	ADITION			
						
_				, ,		

SPEED (KNTS) DIR.	1 · 3	4 · 6	7 - 10	11 - 16	17 - 21	22 - 27	28 · 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
×		3,2	2.2									5.4	6.2
NNE	1.1	2.2								_		3,2	4,3
NE	2,2	9.7	14.0									25.5	6.4
ENE	3,2		2.2									5.4	5.6
E	1.1	6.5	10.8	1.1								19.4	7.1
ESE		1.1	2,2									3,2	6,3
SE	5,4	6.5	5.4				1.1		1.1			19.4	8,1
SSE	3,2		2,2			 		1.1				6,5	10.
s			1.1	2,2								3,2	12,7
SSW												1	
SW						1							
wsw						T			1				
w	2,2											2,2	1,
WNW		`											
NW													
NNW		1.1	2,2									3.2	7,3
VARBL													
CALM		> <	>	\times	> <	>	> <	> <	><	$\supset <$		3,2	
	18.3	30.1	41.9	3.2			1.1	1.1	1.1			100.0	6.

TOTAL NUMBER OF OBSERVATIONS

93

USAFETAC FORM JUN 71 0.8-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING BRANCH ETAC/USAF AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

413	_TIN	AN NAS	MARIAN	NA IS			45			YEARS				CT_
		_				ALL W	EATHER						090(=1100 (L.S.T.)
						CON	DITION				_			
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
- 1	N		3,2	3,2	1.1								7,5	7.1 6.0 9.4 8.5
- 1	NNE		1.1			•							1.1	6.0
ı	NE	1.1	2,2	21,5	7,5					1			32.3	9.4
- 1	ENE		2.2	7,5	2,2					1			11.8	8.5
- 1	E	1.1	3.2	7,5	2.2								14.0	7.7
- 1	ÉSÉ		1.1	3,2	2.2								6.5	10.0
- 1	SE			5,4	4,3			1.1					10.8	12.5
- (SSE	1.1	1.1	4,3			2,2	7					9,7	11.8
-[s	1.1			2,2	1.1							4,3	12.5
	ssw													
- [sw		1.1				_			i			1.1	4.0
	wsw													
- (w	1.1											1.1	3.0
I	WNW													
	NW			i]						
	NNW	I I												
	VARBL	l I]					. 1		l	<u> </u>			

TOTAL NUMBER OF OBSERVATIONS 93

USAFETAC FORM 0-8-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING PRANCH FTAC/USAF AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

TION _	TINIA	N NAS	MARIAN				45			YEARS				ONTH ONTH
		-				ALL b	EATHER	<u> </u>						0-1400
						co	IDITION							
(KI	EED NTS)	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
	N	1	2.2	1.1					1				3,2	7.3
	NE			2.2	1.1								3,2	10.0
ļ,	4E		3.2	15.1	7.5								25.8	10.0
E	NE	i		2.2									3,2	9.7
	E		2.2	15.1	5,4						1		22.6	8.8
	SE			6.5			1					·	8,6	
	SE		1.1	10.8					-				18.3	9,6
S	SE						2.2						2,2	25.0

		11.8	57.0	28.0		3,2						100.0	9.8
CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	\times	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$		
VARBL													
NNW		1.1										1.1	6.0
NW	1	1.1	1.1								i i	2,2	7.0
WNW													
w			1.1									1.1	7.0
wsw													
SW		1.1	1.1									2.2	6.0
ssw				1.1								1,1	14.0
s			1.1	3,2		1.1						5,4	14.8
SSE						2.2					1	2,2	25.0
SE		1.1	10.8					ì			i	18.7	9,6
ESE		l 1	6.5	2,2				1		l	}	8,6	10.0

TOTAL NUMBER OF OBSERVATIONS 93

USAFETAC FORM JUN 71 0.8-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

3	TINI	AN NAS	MARIAN				45			YEARS				CT
		_				ALL W	EATHER						150	0-1700
						cox	DITION							
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
٢	N	2,2		1.1									3,2	4.0
Γ	NNE		1.1										1.1	6.0
Γ	NE		4,3	12.9	3.2		[20.4	8,4 9,2 7,5
Γ	ENE		1.1	10.8	2,2								14.0	9,2
Γ	Ε	2,2	4.3	9.7									16.1	7,5
Γ	ESE	1.1	1.1	3,2	2.2								7.5	9,4
Γ	SE		4.3	10.8	3,2								18,3	8.4
	SSE		1.1	1.1									2.2	5.5 13.8
_	5			2,2	2,2		1.1		i				5,4	13,8
	SSW					1.1	1.1		i				2,2	23,5
	sw	1.1		1.1	1.1					· 			3,7	7,7
	wsw	1,1											1.1	3.0
	w		2.2	1.1					L	Ĺ			3,2	5,7
	WNW		1.1										1.1	5,0
	NW		1.1								L		1.1	4,0
L	NNW								L	L				
	VARBL													
_	CALM		><	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$		
		7,5	21.5	53,6	14.0	1.1	2,2						100.0	8,5

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM JUN 71 0 \cdot 8 \cdot 3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

ON .	INI	CAN NAS	MAKIAN	A 15			45			YEARS				OC 1
		_			· ·	ALL h	EATHER						1800	0-2000 * (U.S.T.)
		-				co	MOITION		·	<u></u>				
г	<u></u>										· 	· · · · · · · · · · · · · · · · · · ·	н	
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
	Z	3.2											3.2	3.0
	NNE										<u> </u>		,	
	NE	5,4	9.7	12.9									28.0	6.0
ſ	ENE		3.2	6.5	2.2				i	1			11.9	
Ī	E	8,6	6,5	10,8									25.8	
ſ	ESE	1.1		3.2	1.1								5,4	8,4
ľ	SE	2.2	2.2	2,2									9,7	7.6
ľ	SSE		1.1		1.1								2,2	7,5

	24.7	23.7	37.6	11.8	2.2					1	!	100-0	6.9
CALM		$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$		$\geq \leq$		
VARBL					Ļ	Ļ——	Ļ.,	L	Ļ	L>			
NNW	1					ļ	ļ	L	<u> </u>	L			
NW	1,1						<u> </u>		L			1,1	3,0
WNW							<u> </u>	ļ	L	ļ	L		
w	1.1					L						1.1	3.0
wsw										L			
sw		1.1		1.1	1,1	L	<u></u>	L				3,2	12,3
ssw	i			3,2	1.1				!			4,3	15.3
S	2,2		2,2				İ		<u></u>		ll	4.3	5.3
SSE	1 !	1.1		1.1	l	<u> </u>	<u> </u>	!				2,2	7,
SE	2.2	2,2	Z, Z	3.2			<u> </u>		<u> </u>			9,7	7,0

TOTAL NUMBER OF OBSERVATIONS

93

USAFETAC FORM JUN 71 0 \cdot 8 \cdot 3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PATA PROCESSING BRANCH ETAC/USAF AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

TINI	AN NAS	MARIA	NA IS		ALL W	45 EATHER			YEARS			2100	CT ONTH 0=230
		 				DITION				~		HOURS	(((, \$. T.)
SPEED (KNTS) D(R.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 · 27	28 - 33	34 · 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1		4.3	1.1			1			1		6.5	7
NNE	2,2								1		1	2.2	2
NE	3,2	11.8	8.6									23.7	6
ENE	1.1	1.1	8.6 5.4	2.2			1			1		9.7	6
E		7.5	5,4	1.1						1		14.0	7
ESE	1.1	1.1	4,3									6,5	- 6
SE	4,3	9.7					i —	i	1	1		16.1	4
SSE			3.2	1.1						1	1	4.3	10
\$		2,2	1.1	1.1	1,1					-		7.5	10
ssw	1		1.1	2,2								3,2	11
sw									·				
wsw								1					
w	2,2									i — i		2.2	2
WNW		··· · · · †		†					1				
NW	1.1	· · · · · · · · · · · · · · · · · · ·										1.1	3
NNW	1,1 2,2											2,2	2
VARBL													
CALM		\sim	><	><	> <					><	> <	1.1	
	18.3	33,3	35,5	10.8	1,1							100.0	6

TOTAL NUMBER OF OBSERVATIONS

93

USAFETAC FORM JUN 71 0 - 8 - 3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH FTAC/USAF AIR MEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

.CV hth				EARS			45			AIS	MARIAN	AN NAS	, T <u>IN</u> I
-0200	0000						EATHER						
							KOITION	coi					
MEAN WIND SPEED	%	≥ 56	48 - 55	41 - 47	34 - 40	28 - 33	22 - 27	17 - 21	11 - 16	7 - 10	4 - 6	1 - 3	SPEED (KNTS) DIR.
													N
10,0	1,1			· ·						1.1		! :	NNE
7.4	31.1						ļ		2.2	17,8	11.1		NE
7,4	35.6						ļ		1.1	25.6	7.8	1.1 2.2 1.1	ENE
6.2	18.9								1.1	7.8	7.8	2.2	E
5,2	5,6									1.1	3.3	1.1	ESE
4.4	7,8				i		· · · · · · · · · · · · · · · · · · ·			1.1	4.4	2.2	SE
				1									SSE
							İ						S
							J		i	1			ssw
													5W
		i			i							i	wsw
					i					·			w
							Í					!	WNW
													NW
									1				NNW
													VARBL
		><	$\geq <$	><	$\geq <$					$\geq \leq 1$	><1		CALM
6,9	100.0								4.4	54.4	34,4	6.7	

USAFETAC $^{FORM}_{JUN\ 71}$ 0 · 8 · 3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS,

	MIAN NAS	MARIA	NA IS			45			YEARS				NUA
	-	· · -	= =		ALL Y	EATHER						0300	0500 (LS.T.)
					co	NOITION							
SPEED (KNTS DIR.		4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 · 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	***												
NNE		4 4		1.1			l	i		<u>. </u>		1.1	12.0
NE	L	16.7	20.0			ļ	<u> </u>		<u>.</u>	·		38.9	7.1
ENE	1.1	6.7	20.0	1.1					!			28,9	7.2
E	1,1	7,8	10.0	1.1		·			ļ	!		20.0	6,9
ESE	1,1	5.6	1.1				! *	<u> </u>				7.8	4,5
SE		3.3	:			ļ		į		1		3,3	5,0
SSE		<u>.</u>					! +- —	ļ		ļ			
S	_ ‡					ļ		ļ		<u> </u>			
ssw		ļ				ļ		<u> </u>					
sw		1				ļ		<u> </u>		!			
wsw		L											
w.		L				<u> </u>				ļ			
WNW	·	ļ				ļ	Ļ						
NW						-				 			
NNW		ļ				-							
VARBI	· ll					1				11			

TOTAL NUMBER OF OBSERVATIONS 90

100.0

USAFETAC FORM JUN 71 0 - 8 - 3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PRUCESSING BRANCH ETAC/USAF AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

41413 TINIAN NAS MARIANA IS 45 ALL WEATHER 0600-0800 SPEED (KNTS) DIR. MEAN WIND SPEED 17 - 21 7 - 10 11 - 16 22 - 27 28 - 33 3.3 3,3 NNE 33,3 28,9 22,2 3,3 7,8 20.0 20.0 12.2 2.2 7,8 NE ENE 10.0 E ESE SE 55£ ssw SW wsw WNW 3.0 NNW VARBL CALM

TOTAL NUMBER OF OBSERVATIONS

7.5 90

100.0

USAFETAC FORM $0.8 \cdot 3$ (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

25.6 61.1

NATA PROCESSING BRANCH ETAC/USAF AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

TIN	IAN NAS	MARIAN	NA IS			45			YEARS			. <u> </u>	NOV
	_				ALL H	EATHER						0900	0-1100
	_				cor	NDITION							
SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 · 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	<u> </u>	1.1		·								1.1	6.0
NNE	1	1.1										1.1	5.0
NE			22.2	16.7								38,9	
ENE		1.1	12.2	6,7				7				20.0	10.2
E		3.3		6,7								27.8	9.1
ESE		1.1	2,2		1							3,3	7.0 8.4
SE			0.7		ĺ							7,9	8,4
SSE													
s													
ssw				ļ!				[!	Ĺ		L		
sw				اللسلا									
wsw	I				 		<u> </u>	<u> </u>	L		L		
w	1	L!				<u> </u>	,		L'		L		
WNW				ļ J	ļ		·	!	L				
NW	<u> </u>	I		L	1		<u> </u>	<u> </u>			<u> </u>		
NNW	.II	L	<u> </u>			<u></u>			L		ļI		
VARBL	L			<u></u>	L		<u></u>	 '			L		
CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$		
	7	- 0	4.	•••	F	1	i	[,,	i I		اه ه

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM JUN 71 0 - 8 - 3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PATA PROCESSING BRANCH ETAC/USAF AIR WEATHER SERVICE/MAC

SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

TINIAN NAS	MARIA	VA IS			45							in v
_	STATION		·	ALL W	EATHER			TEARS	_ _		1200) = 1400 (L.S.T.)
				COM	IDITION							
SPEED (KNTS) 1 - 3 DIR.	4 - 6	7 - 10	11 - 16	17 - 21	22 · 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N			1.1								1.1	12.0
NNE									i			
NE		25.6	5.6								31,1	9,8
ENE		16.7	8.9								25,6	10.8 9.8 7.6
E	1.1	21.1	7,8								30.0	9,8
ESE	2.2	3.3									5,6	7,6
SE		6,7									6,7	9,0
SSE												
s			!									
ssw							l 					
sw												
wsw									 		l	
w									ļļ			
WNW											l	
NW									 		ļ	
NNW									ll			
VARBL									k		ļ	
CALM	$\geq \leq$	$\geq \leq$	><	$\geq \leq$	><	><	$\geq \leq$	> <	$\geq \leq$	><		
	3.3	73.3	23.3								100.0	9,9

USAFETAC FORM JUN 71 0 $\cdot 8 \cdot 3$ (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

TINIAN NA	S MARIAN	A IS			45			YEARS				VOV
-				ALL	EATHER							0-170
				co	MOITION	· <u> </u>			- <u>-</u>			
SPEED (KNTS) 1 - 3 DIR.	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 · 55	≥ 56	%	MEAN WIND SPEED
N	 			··			 	 	 			
NNE												
NE	4,4	21.1	12.2								37.8	9,
ENE	1.1	17.8	5.6								24.4	9,
E	3,3	16.7	1.1								21.1	8, 5,
ESE	5.6	2.2									7.8	5,
SE 1.	1 2.2	5.6									8,9	6.
SSE							İ					
S	· +											
ssw												
sw	1		<u> </u>									
WsW	 				<u> </u>							
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WNW	 							<u> </u>	 			
NW	 		L						ļ			
NNW	 		L		ļ	ļ			 			
VARBL	+		<u> </u>		Ļ				 _	< 		
CALM		$\geq \leq$		$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	\geq	$\geq \leq$		
1.	1 16.7	63.3	18.9								100.0	8,

TOTAL NUMBER OF OBSERVATIONS 90

USAFETAC FORM $0.8 \cdot 3$ (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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CATA PROCESSING BRANCH FTAC/USAF AIR REATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

TIN	IAN NAS	MAR I AN	NA IS			45			YEARS				N D V
	-				ALL W	EATHER						180	0-2000
	_				COM	NDITION							
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N								 		 			
NNE													
NE	1.1	6.7	25,6	4.4	í							37,8	8,4 7,2 6,3 4,5 5,0
ENE		7.8	20.0									27.8	7.2
£	. 4.4		10.0									22.2	6.3
ESE	5,6		2.2									8,9	4,5
SE	1.1		1.1									3,3	5.0
SSE													
S	1												
ssw							L						
sw							L		1				
wsw													
w	<u> </u>			L	İ				<u> </u>	L. <u></u>			
WNW													
NW						ļ							
NNW	↓				L								
VARBL							Ĺ		Ĺ,				
CALM		$\geq \leq$	> <	><	><	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	><	><		
	12 2	24 4	54 0	4 4			1					100 0	7.1

TOTAL NUMBER OF OBSERVATIONS

90

	USAFETAC	FORM JUN 71	0 · 8 · 3 (OL A)	PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
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DATA PROCESSING BRANCH ETAC/USAF AIR MEATHER SERVICE/MAC

SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

90

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

41413 STATION	TIN	IAN NAS	MARIA	VA IS			45			EARS.			!	NDV IONTH
		_				ALL W	EATHER LISS						210	0-2300
						coi	IDITION							
ļ	SPEED (KNTS) DIR.	1 · 3	4 · 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
	N	 					 		 		 -			
	NNE	1		1.1									1,1	9.0 8,0 7.8 6.1 5.4 3.5
	NE	 	5,6	33,3	1.1								40.0	8.0
	ENE	1.1	7.8		2,2								22.2	7,8
	E	2,2	14.4	10.0									26.7	6.1
	ESE	1.1	3.3	3,3					I				7,8	5,4
	SE	1,1	1.1										2.7	3,5
	SSE	1					}				ļ			
	5													
	ssw	Í									 	ļ	ļ	
	sw	1												
	WSW	1							ļ	Ĺ			I	
	w	<u> </u>			ļ		ļ		<u> </u>	ļ	ļ			
	WNW	 							<u></u>	ļ	ļ			
	NW	#					·							
	NNW	} }					ļ	ļ <u>.</u>		ļ				
	VARBL		$\overline{}$	~~			\ >							
	CALM			\sim										
	L	3.6	32.2	58.9	3.3								100.0	7.2

USAFETAC FORM $_{\rm JUN~71}$ $-0.8\cdot3$ (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING PRANCH ETAC/USAF AIR MEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

TINI	CAN NAS					45							E
		STATION	SHAME						YEARS				ONTH
						EATHER							-0200
	_					LASS						HOURS	(L.S.T.)
	_												
	_					DITION							
						1		г			 -		
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N			2.2									2.2	8.5
NNE		1.1	4.3	2.2								7.5	9.3
NE		5.4	18.3			1						33.3	9,4
ENE	2.2		14.0									29.0	7.0
E	1.1	10.8	10.8	1.1	i	1		1				23.7	7.0
ESE			4.3									4,3	8.0
SE													
SSE	ļ — — — <u>— </u>												
S												1	
SSW												}	
sw													
WSW													
w						L							
WNW					<u> </u>	<u> </u>	Ĺ						
NW										l			
MNW	ł						<u> </u>	L				L	
VARBL				L	L	<u> </u>	L	L	L	Ļ			
CALM	$\geq \leq$	$\geq \leq$	><	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	\times	<u> </u>	
	3,2	19.4	53.8	23.7]			100.0	8.8

TOTAL NUMBER OF OBSERVATIONS

93

USAFETAC FORM 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1

2

2

DATA PROCESSING FRANCH ETAC/USAF AIR MEATHER SEMVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

_ T 1	INTAN NAS					45							DFC
		STATION	HANE		411			,	YEARS				O T O O
	_					BATHER							0=0300
					· ·							MOUR	6 (E.B. I.)
	-				co	KOITION		····					
	-	-	« <u>.</u>					7					
SPEED (KNTS DIR.		4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2,2			2,2					 			4.3	7.5
NNE		1.1	4.3	2,2			T					7.5	10.0
NE	1.1			15,1						†		38,7	9.7
ENE		3.2		8.6								22.6	9.9
E	1,1			1.1		· · · · · · · · · · · · · · · · · · ·						18.3	6.9
ESE			5.4									5,4	7,8
SE			2,2									2.2	8.0
SSE		1.1										1.1	5.0
S													
55W													
SW													
WSW	,												
w						[Í				
WNW	·												
NW													
NNW	'												
	. 1					T		17					

TOTAL NUMBER OF OBSERVATIONS

93

100.0

USAFETAC $^{\text{FORM}}_{\text{JUL 64}}$ 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH ETAC/USAF AIR REATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

_TIN!	LAN NAS	ARIA	MA IS			45							CEC
		STATION	MAME					,	YEARS				BONTH
	_					EATHER							0-0800
					CI	LASS						MOVE	S (L.S.T.)
	_				CON	EDITION				—			
SPEED							-			Τ			MEAN
(KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	WIND SPEED
N		2,2				ſ <u></u>	ſ <u></u>					4,3	
NNE		2.2	5.4									7.5	7.1
NE		2.2	24.7	5.4								33,3	
ENE		1.1	12.9	8.6			<u> </u>					22.6	
E	1.1	9.7	9.7	1.1		i					1	21.5	5.8
ESE		2.2	6.5	<u> </u>								8.6	
SE		1.1	1.1							1	1	2.2	
SSE													
S													
ssw											1		
sw													
wsw													
w													
WNW													
NW													
NNW													
VARBL													
CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$				

TOTAL NUMBER OF OBSERVATIONS

93

USAFETAC FORM 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING HANCH ETAC/USAF AIR FEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

TIMI	AN NAS	MARIA!	AA IS			45			YEARS			<u>\</u>	FC
	-				ALL Y	EATHER LASS						050C	0=110
	_				сон	DITION							
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥55	%	MEAN WIND SPEED
N													
NNE		2.2	4.3	3.2								9.7	10,
NE	1.1		16.1	24.7								41.9	11
ENE		1.1	6.5	7.5	1.1							16,1	12
E		1.1	17.2	9.7								28.0	10
ESE			1.1	1.1								2.2	10
SE			2.2									2,2	7
SSE											7		
S													
ssw													
sw													
wsw										Ĺ			
w													
WNW										L			
NW	L									<u> </u>			
NNW							<u></u>						
VARBL								Ĺ	L				
CALM	><	><	><	><	><	><	><	><	><	><	><		
	1.1	4.3	47.3	46.2	1.1							100.0	10

TOTAL NUMBER OF OBSERVATIONS

93

USAFETAC FORM (0-8-5 (OL-1)) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH ETAC/USAF AIR FEATHER SERVICE/MAC

SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

<u> </u>	IAN NAS	IARIA	NA IS			45			EARS				ONTH
		STATION	MARK			F A #11F A		'	LAES				0-1400
	_				ALL W	EATHER							(6.5.7.)
					-								, , , , ,
				· · · · · ·	CON	DITION							
										_ 			
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	+			1.1								1.1	16.0
NNE	#		3,2	1.1 3.2								6.5	11.0
NE		1.1	24.7	30.1								55,9	11.0
ENE	1.1		2.2	7.5			_					10.F	11.1
E	1		15,1	5.4								20.4	9,9
ESE			1.1	1.1								2.2	11.0
SE			1.1									1.1	10.0
SSE													
5													
SSW													
SW	1.1											1.1	3,0
wsw													
w	1.1											1.1	1.0
WNW													
NW													
NNW	T												
VARBL													
CALM	><	><	$\geq \leq$	><	$\geq <$	$\geq \leq$	$\geq \leq$	><	\times	$\geq \leq$	><		
	 												

USAFETAC FORM | 0.8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING CRANCH FTAC/USAF AIR GEATGER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

41413	TIMIAN NAS MARIANA IS			
STATION	STATION HAME		YEARS	MONTH
		ALL WEATHER		1500-1700
		CLASS		HOURS (L.S.T.)
		CCNDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE			3.2									3,2	9,
NE		5.4	21.5	20.4	2,2							49.5	10.
ENE			6.5	7.5				1				14.0	
E		4.3		3.2								28.0	8,
ESE			1.1				,					1,1	9,
SE				lel								1.1	11.
SSE	1.1											1.1	1.
S	1.1											1.1	2,
SSW													
sw	1.1											1.1	2.
wsw							i						
w							T						
WNW										†			
NW							 	-		· · · · · · · · · · · · · · · · · · ·		-	
NNW	† †												
VARBL	t						1	-		† — —			
CALM		>	>	> <	> <	>		> <	> <				
	3 2	0 7	52.7	1> 2	2.2			<u> </u>				100.0	9.

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM 0.8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

,		A102 4		MAY	AN 1: 73	SLAND	NAS, MA	TAL TEC	HNICAL ISLANDS	APPLIC REVI	ATIONS SED UN	CENTER	ETC	F/G 4/ OFE	/2 TC(U)	
	UNC	LASSIF	IED_	USAFI	ETAC	/DS-81	/070		9	BIE-AD	-E850 (77		NL		
		2 ° 3														
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DATA PRUCESSING BRANCH FTAC/USAF AIR FEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	AN NAS	STATION	NAME			45			rears				ONTH
	_				ALL M	LATHER						_1800	0-2000
													(6.0.1.)
					COM	DITION			······				
SPEED (KNTS) DiR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N						-		 					
NNE		1.1	3,2	1.1						-		5.4	9,4
NE	2,2	9.7	18.3	9.7								39.8	8,8
ENE		1.1	16.1	7.5	2.2							26.9	10.5
E	1.1	6.5	8.6									20.4	8,0
ESE			4.3	1.1								5.4	8,8
SE			1.1					Ī ———				1.1	8.0
SSE													
S													
ssw													
sw													
wsw													
w													
WNW													
NW													
NNW													
VARBL													
CALM	><	><	><	><	><	\times	><	> <	\times	><	><	1.1	
	3.2	16.3	51.6	23.7	2.2							100.0	9,0

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM 0-8-5 (OL-1) previous editions of this form are obsolete

2

DATA PROCESSING BRANCH FTAC/USAP AIR WEATHER SERVICE/MAC

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	TIG	LAN HAS	MARIA	MA IS		······································	45		 ,	EAR\$				FC
						ALL W	EATHER							2300
						co	NOITION							
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
	N	j -		3.2									3.2	7.7
	NNE			1.1	2.2						1		3.2	10.7
	NE	1.1	4.3	28.0	8.6								41.9	10.7
	ENE	2,2	1.1	14.0									26.9	10.0
	E		6.5	14.0									22,6	8,1
	ESE		1.1	1.1									2.2	7,5
	SE													
	SSE													
	S													
	SSW													
	sw													
	wsw													
	w	B I	1						l					

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH ETAC/USAF AIR FEATHER SERVICE/PAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

41413 STATION	TINIAN NAS MARIANA IS 45-46	ALL
STATION	STATION MAME YEARS	MONTH
	INSTRUMENT	
	CLASS	HOURS (L.S.T.)
	CIG 200 Til 1400 FT W/ VSBY 1/2 MI DR MORE	
	AND/UR VSBY 1/2 TO 2-1/2 MI W/CIG 200 FT UR MORE	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 36	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	4.2	. 7	2.8									7.7	5.1
NNE	. 7		.7	1.4								2.8	8,8
NE		. 7	4,9	3.5		1.4						10.5	11.9
ENE			4.9	4.9	3,5							13.3	12.7
E	1.4	.7	1.4	2.1		. 7		İ				6.3	9,9
ESE			2.1		.7							2,8	12.3
SE	2.1	.7	2.8	2.8	1.4	.7	.7					11.2	11.9
SSE		. 7	1.4	4.2	4,2	3.5		.7				14.7	18.2
\$		2.1	7.0	2.8	.7	2.1						14.7	11.9
SSW	. 7		.7		.7	.7						2.8	14.8
sw		,7	3,5	.7	.7							5.6	10.4
W5W				. 7								.7	15.0
w	. 7		.7	.7	1.4							3,5	11.8
WNW													
WW	. 7	. 7			_							1.4	3,5
NNW	. 7	. 7										1.4	4,5
VARBL		-											
CALM	\times	><	> <	> <	$\overline{}$	> <	>>	><	> <	><	> <	• 7	
	11.2	7.7	32.9	23.8	13.3	9.1	.7	.7				100.0	11.9

TOTAL NUMBER OF OBSERVATIONS

143

USAFETAC $\frac{\text{FORM}}{\text{JUL 64}}$ 0-8 5 (QL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION ETAC/USAF AIR WEATHER SERVICE (MAC) ASHEVILLE, NORTH CAROLINA

PART D

CEILING VERSUS VISIBILITY

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from hourly observations, and three sets of tables are presented as follows:

- 1. Annual all years and all hours combined
- 2. By month all years and all hours combined
- 3. By month by standard 3-hour groups

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on pages 2 and 3 below.

U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier period and data subsequent to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1949 for these stations will be eliminated from the summary. For Air Force stations, the "no ceiling" category includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1948. Beginning in July 1948 for Air Force stations and January 1949 for USWB and U. S. Navy stations the "no ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque.

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEILING							VIS	SIBILITY (S	TATUTE MI	LES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 ⅓	≥ 2	≥ 1 1/3	≥ 1%	≥ 1	≥ ¾	≥ %	≥ %	≥ 5/16	≥ ¼	≥ 0
NO CEILING							\sim			*					\sim	
≥ 1800 ≥ 1500					91.0									-		92.6
≥ 1200 ≥ 1000					1,2,8,5										-	/510
≥ 900 ≥ 800																
≥ 700 ≥ 600																
≥ 500 ≥ 400	·									97.4						98.1
≥ 300 ≥ 200																
≥ 100 ≥ 0					95.4		96.9			98.3						100.

- EXAMPLE # 1 Read ceiling values independently of visibility under column at right headed ≥ 0 . For instance, from the table: Ceiling \geq 1500 feet = 92.6%. Ceiling \geq 500 feet = 98.1%.
- EXAMPLE # 2 Read visibilities independently of ceilings on bottom line opposite \geq 0. From the table: Visibility \geq 3 miles = 95.4%. Visibility \geq 2 miles = 96.9%. Visibility \geq 1 mile = 98.3%.
- EXAMPLE # 3 To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling ≥ 1500 feet with visibility ≥ 3 miles = 91.0%.

ADDITIONAL EXAMPLES

Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%.

Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

EXAMPLE # 5 To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 91.0 read from the table at the intersection of \geq 1500 feet with \geq 3 miles, subtracted from 97.4 read from the table at the intersection of \geq 500 feet with \geq 1 mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: "ceiling \geq 500 feet with visibility \geq 1 mile, but < 3 miles; or ceiling \geq 500 feet, but < 1500 feet with visibility \geq 1 mile."

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

CEILING VERSUS VISIBILITY

41413 STATION TIMIAN NAS HARIANA IS

45-40

"ALL

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

-01A+L

CEILING						_	VISI	BILITY (STA	ATUTE MIL	ESı						
(FEET)	≥10	≥6	≥5	≥ 4	≥ 3	≥2'7	≥ 2	≥11/2	≥1¼	≥ì	≥ 3/4	≥ 3/8	≥ \2	≥ 5 16	≥ '4	≥0
NO CEILING ≥ 20000	12.0	12.1	12.1	12.1	12.1	12.1	12.1 77.5	12.1	12.1	12.1	12.1	12.1	12.1		12.1	12.1
≥ 18000 ≥ 16000	70.4	77.4	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5 77.5	77.5	77.5	77.5	77.5
≥ 14000 ≥ 12000	70,4 75,4	77.4	77.4	77.5	77.5 77.5	77.5	77.5	77.5	77.5	77.5	77.5 77.5	77.5	77.5	77.5 77.5	77.5	77.5
≥ 10000 ≥ 9000	75.4	77.4	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5 77.7
≥ 8000 ≥ 7000	77.9	79.7	79.2	79.3	79.3	79.3 79.6	79.3	79.3	79.3	79.3	79.3	79.5	79.3	79.3 79.6	79.3	79.3
≥ 6000 ≥ 5000	78.1 78.2	79.6	79.7	79.9	79.8 80.0	79.8 80.0	40.0	77.8 80.0	79.8	79.8 80.0	79.8	79.9	79.8	79.R	79.8	79.8 80.0
≥ 4500 ≥ 4000	76.4	79. H	79.9	40.0	80.0	80.0	80.0	80.0 80.0	80.0	80.0	80.0 90.0	80.0 30.0	90.0 80.0	0.08 0.08	90.0	80.0 80.0
≥ 3500 ≥ 3000	76.2	79.8	79.9 80.0	80.0	80.0 40.1	80.0	90.0 80.1	80.0 80.1	80.0 50.1	80.0	80.0 80.1	80.0 80.1	80.0	80.0 80.1	80.0 80.1	80.0 80.1
≥ 2500 ≥ 2000	75.4	81.7	80.2	80.3	80.3	81.8	80.3	81.8	80.3 81.8	80.3	80.3	80.3	81.8	81.8	80.3 81.8	81,8
≥ 1800 ≥ 1500	90.3 9.4.1	96,9	97.0	93.1	93.1	93.1	97.3	93.1	93.1	93.1	93.1	93.1	97.3	97.3	93.1	93.1
≥ 1200 ≥ 1000	74.5	99.2 99.5	98.4 95.9 98.9	99.1 99.1	98.7 4.49 4.49	98.7	99.4	98.7	99.4	99,4	98.7	98.7 99.4	99.4	98.7	98.7	98.7
≥ 900 ≥ 800 ≥ 700	34.4	92 A	99.2	99.4	1	99.A	99.7	99.7	99.7	99.7	99.7	99.7	99.4	99.4 99.7	99.4 99.7	99.4 99.7
≥ 600	74.4	94,9		99.4	99.6	99.0	99.8	99.8	99.8	99.8	99.9	99.8	99.8	99.8	99.5	99.8
≥ 500 ≥ 400 ≥ 300	94.4	98.9	99.2	99.5	99.7	99.7	99.9	99,9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	94.4	99.9	99.2	99.5	99.7	99.7	99.9	99.9	99.9	99.9	99,9	99,9	100.0	100.0	100.0	100.0
≥ 0	94.4	98.9	99.2	99.3	99.7	99.7	99.9	99.9	99.9	99,9				100.0		100.0

TOTAL NUMBER OF OBSERVATIONS ..

2276

USAF ETAC 101.44 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

TATA PROCESSING TRANCH JSAF ETAC AIR SEATHER SERVICE/TAC

CEILING VERSUS VISIBILITY

41413

TIPLIAN NAS ARTANA IS

46

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS IS

CEILING							VIS	IBILITY (ST	ATUTE MIL	.ES:						
:FEET,	≥10	≥6	≥ 5	≥ 4	≥3	≥21/2	≥2	≥115	≥114	≥1	≥ ⅓	≥ : '8	≥ 12	≥5 16	≥ . ⁴	≥0
NO CEILING	70.1	70.2	70.2	70.2	70.2	70.2	70.2		_ •				70.2	70.2	70.2	70.2
≥ 20000	70.1	70.2		70.2	70.2	70.2				+ 			70.2	70.2	70.2	
≥ 18000	70.1	70.2	70.2	70.2	70.2	70.2				1			,		70.2	70.7
≥ 16000	70.4	70.2	70.4	70.3	70.2	70.2									70.2	
≥ 14000	70.1	70.2	70.2	70.2	70.2	70.2	70.2			l	; ,			70.2	70.2	70,2
≥ 12000	70.1	10.2	70.2	70.2	70.2	70.2		70.2					70.2		70.2	70.2
≥ 10000	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2					7.1	70.2	70.2
≥ 9000	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2					70.2	70.2	70.2
≥ 8000	70.1	70.7	70.2	70.2	70.2	70.2	70.2	70.2				70.2	70.2	70.2	70.2	70.2
≥ 7000	10.1	70.2	70.2	70.2	70.2	70,2						70.2	70.2	70.2	70.2	70.2
≥ 6000	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 5000	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 4500	70.1	70,2	70.2	70.2	70.2	70.2	70.2	70 + 7	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 4000	70.1	70.7	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 3500	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 3000	70.1	70,2	70.2	70.2	70.2	70.2	70.2	70.2	-	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 2500	70.1	70.2	70.2	70.7	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 2000	73.4	77.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73,3	73.3	73.3	73.3	73.3	73.3	73,3
≥ 1800	91.3	92.3	72.3	92.3	72.3	92.3	94.3	92.3	92.3	92.3	92.3	97.3	92.3	92.3	92.3	92.3
≥ 1500	45.4	97.6	97.6	97.7	97.7	97.7	97.7	97.7		97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 1200	96.6	98.1	44.1	98.3	98.3	98.3		98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1000	30.4	98 + 1	34.1	98.3	98.3	98.3					96.3	98.3	98.3	98.3	98.3	98.3
≥ 900	0.2	96.1	98.1	74.7					98.3						98.3	
≥ 800	97.0	99.	99.5	100.0	100.0	100.0	100.0	100,0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	97.0	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	97.0	99.8	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100 · C	100.0
≥ 500	97.5	99.8									100.0					
≥ 400	97.5	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	77.0	99.8									100.0					
≥ 200	97.5	99.8	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	97.5	99,4									100.0					
≥ 0	47.0	- 1									100.0					
	لتنب									1			1000			

TOTAL NUMBER OF CBSERVATIONS

221

USAF ETAC JULIA 0-14-5 (OL 1) PREVIOUS EDITINS OF THIS FORM ARE OBSOLETE

TATA PROCESSING SHANCH USAF ETAC AIR WEATHER SERVICE/THC

CEILING VERSUS VISIBILITY

41413

TINION NAS SARIAMA IS

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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					,											
CEILING FEET:	VISIBILITY ISTATUTE MILES!															
	≥10	≥6	≥ 5	≥ 4	≥3	≥21.7	≥ 2	≥1%	≥15	≥1	≥ 3/4	≥ 5/8	5 ₁3	≥ 5 16	≥ '₁	≥0
NO CEILING ≥ 20000	72.5	72.5 72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	77.5	72.5	72.5	72.5	72.5	72.5	72.
≥ 18000 ≥ 16000	72.5		72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.
≥ 14000 ≥ 12000	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72
≥ 10000 ≥ 9000	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5 72.5	72.5	72.5	72.5	72.5	72
≥ 8000 ≥ 7000	12.5	72.3	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72
≥ 6000 ≥ 5000	72.5	72.5	72.5	72.5		72.5	72.5	72.5 72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72
≥ 4500 ≥ 4000	72.7	72,5	72.5	72.3	72.5	72.5	72.7	72.5	72.3	72.5	72.5	72.5	72.5	72.5	72.5	72
≥ 3500 ≥ 3000	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72
≥ 2500 ≥ 2000	73.0	73.0	73.0 73.0		73.0	73.0		73.0	73.0	73.0	73.0	73.0		73.0	73.0 73.0	73
≥ 1800 ≥ 1500	90.7	96.7	98.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96 98
≥ 1200 ≥ 1000	73.0	98.5		98.4	98.0	98.6		98.6	98.6	98.6	98.6	98.6		98.6	98.6	
≥ 900 ≥ 800	90.9	99.2	99.4	100.0	100.0	100.0	100.0	100.0	100.0		100.0		100.0	100.0	100.0	100
≥ 700 ≥ 600	98 .9	[99.4	100.0	100.0		100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100
≥ 500 ≥ 400	98.9		99.4	100.0	100.0	. •	100.0	100.0			100.0	100.0	100.0	100.0	100.0	100
≥ 300 ≥ 200	98.9			100.0	100.0		100.0	100.0	100.0		100.0	100.0	100.0		100.0	100
≥ 100 ≥ 0	98.9		99.4	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100

TOTAL NUMBER OF OBSERVATIONS

353

USAF ETAC 101 64 0-14-5 (OL 1) PREVIOUS ELECTRIC DE THIS FORM ARE OBSOLETE

2

CATA PROCESSING "KANCH USAF ETAC AIR MEATHER REPYTORYMAG

CEILING VERSUS VISIBILITY

41413

TIMIAN NAS HARTANA 15

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS IS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥ 5	≥ 4	≥ 3	≥21/2	≥2	≥1 1/2	≥114	≥1	≥ ¾	≥ %	≥ 1.7	≥ 5 16	≥	≥0
NO CEILING ≥ 20000	75.9	73.9	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 18000 ≥ 16000	70.9	73.9	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1 74.1	74.1	74.
≥ 14000 ≥ 12000	70.9	73.9 74.9	74.0	74.1 74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1 74.1	74.1 74.1	74.1	74.1 74.1	74.1	74. 74.
≥ 10000 ≥ 9000	70.9	73.9	74.0	74.1	74.1	74.1	74.1		74.1			74.1 75.6	74.1	74.1	74.1 75.6	74.
≥ 8000 ≥ 7000	75.4	73.4 79.0	78.5	78,7	73.8 79.4	78.8	78.8	78.8 79.4		78.8	79.4	78.8 79.4	78.8	78.8 79.4	76.0 79.4	78. 79.
≥ 6000 ≥ 5000	75.7	79.8 80.9	79.9	80.7 81.5	90.5 81.7	30.5	80.5	80.5	81.7	81.7	80.5	81.7	80.5 81.7	80.5	90.5 81.7	80.
≥ 4500 ≥ 4000	70.3	80.9	81.0 81.0	81.5	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.
≥ 3500 ≥ 3000	70.3	60.9	N L e U	81.5	81.7	31.7	81.7	81.7	81.7	81.7	P1.7	81.7	81.7	81.7 81.7	81.7	61. 81.
≥ 2500 ≥ 2000	76.5	35.0	81.3	81.8	86.0	99°C	86.0		A1.9	84.0		86.0	81.9	66.0		81.
≥ 1800 ≥ 1500	88.0 69.9	97.4	97.0		96.5	95.0	95.0	98.7		98.7	98.7	98.7	95.0	98.7	95.0 98.7	95. 98,
≥ 1200 ≥ 1000	39.9	97.6 97.8	98.2	98.3	90.9	98.9	99.6	99.8		99.2	99.6	99.5	99.2	99.6	99.6	99.
≥ 900 ≥ 800	19.9	97.0	98.7	99.2		99.3		100.0			100.0	100.0	99.6 100.0	100.0	99.6	
≥ 700 ≥ 600	29.9 29.9	98.0	98.7	99.2		99.5	100.0	100.0	100.0	100.0		100.0	100 • 0	100.0	100.0	100.
≥ 500 ≥ 400	P9.9	98.0 98.0	93.7	99.2		99.5	100.0 100.0	100.0	100.0	100.0		100.0	100 · 0	100.0		100.
≥ 300 ≥ 200 > 100	19.9	9# C	98.7	99,2	99.5	99.5	100.0	100.0	100.0		100.0	100.0	100 • 0 100 • 0	100.0 100.0	100.0	100.
≥ 100	9,9		98.7	99.2	99.5		100.0					100.0			100 • 0 100 • 0	

TOTAL NUMBER OF OBSERVATIONS

742

USAF ETAC FORM JUL 54 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

BATA PROCESSING PRANCH USAF ETAF AIR REATHER REMUTCH/PAG

CEILING VERSUS VISIBILITY

TININ NAS ANIAMA IS

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

							VISI	BILITY ISTA	TUTE MILE	Si						
CEILING FEET	≥ 10	≥6	≥ 5	≥ 4	≥ 3	≥2.	≥ 2	≥17	≥114	21	≥ 14	≥ ≒	≥';	≥5 16	≥ ,	≥0
NO CEILING ≥ 20000	70.0	77.0	79.0	79.7		79.0	79.0		79.0	79.0		79.0	79.0		79.0	79.0
≥ 18000 ≥ 16000	75.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0 79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 14000 ≥ 12000	78.0 78.0	79.0 79.0	79.U	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 10000 ≥ 9000	70.1	79.0	79.3	79.0	79.3	79.6	79.0	79.3	79.0	79.3	79.0	79.0		79.3	79.3	79.3
≥ 8000 ≥ 7000	79.5	81.0	61.0	81.5	81.6	81.8	81.6	81,5	81.3 81.6	31.6	81.6	81.3	81.6	81.6	81.0 81.0	81.6
≥ 6000 ≥ 5000	79.8	1	47*0		81.6		R1.6	81.6		81.6	81.6	81.6	81.6 81.6	81.6	R1.5	81.6
≥ 4500 ≥ 4000	79.8	1	81.00	81.4	81.6		81.0	81.6		81.6	81.6	81.6	81.6	81.6	R1.6	81.6
≥ 3500 ≥ 3000	79.0	51.5	HIO	31.6	81.6	61.6	81.6	d1.6		81.6	P1.0	81.6	81.6	81.6	Bi.6	81.6
≥ 2500 ≥ 2000	75.6	85.5	P5.5	d5 .5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 1800 ≥ 1500	41.0	96.5	90.0	96.0	90.0	96 . 8	90.8	96,8	96.8	96.8	96.8	96.3	90.8	96.8	96.8	96.5
≥ 1200 ≥ 1000	75.6	98.5	99.1	99.	99.5	99.5	99.5	99.5	99.5	97.5	99.5	97.5	99.5	99.5	99.5	99.5
≥ 900 ≥ 800	93.0	45.7	99.2	99.	99.0	99.6	99,6	99.6		99.6	99.6	99.6	99.6	99.6	99.5	_
≥ 700 ≥ 600	93.0	3 37.4		99	99.9		99.4	99.5	99.9	99.5		99.9		99.9	1	
≥ 500 ≥ 400	93.0	45.4	99.5	00	100.0	130000	100.0	1100.0	100.0	100.0	1100.0	100.0	100.0	100.0	100.0	100.0
≥ 300 ≥ 200	93.0	97.5	99.	1 00	100.0 100.0	1300.00	dino.	ni1 00 • (0.00	0100.0	00.00	9100.c	i]100•(Olf O O O C	1170 • 4	Ir OO .
≥ 100	73.0	1 .	1 -	99	100.0	100.0	100.	0100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC FORM OLIGH 0-14-5 (OL 1) PREVIOUS ELIGIBLE OF SORV ARE OBSOLETE

TATA PROCESSION "KANCE SAF ETAT SIR REATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

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S.F.P

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

بالم الم

CEILING							VIS	IBILITY ST	ATUTE MILI	ES.		-				
FEET	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥2:	≥ 2	≥1;	≥1:.	≥1	≥ 14	≥ 7 н	≥ ;	≥ 5 16	2 4	≥0
NO CEILING ≥ 20000	14.7	75,4	75.4	75.4	75.4	75.4	75,4	75,4	75.4	15.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 18000	14.1	15.4	75.4	75.4	75.4	75.4	75.4				75.4	75.4	75.4	75.4	75.4	75.4
≥ 16000	74.1	75.0	75.4	79.4	75.4	15.4			75,4			75.4	75.4			75.4
≥ 14000	74.7	75.4	75.4	75.4	75.4	75.4		- 1	75.4		75.4			• •		75.4
≥ 12000	74.1	75.4	15.4	75.4	75.4	75.4			75.4	75.4			75.4	73.4	75.4	75.4
≥ 10000	74.7	75.4	75.4	75.4	75.4	75.4								75.4	75.4	75.4
≥ 9000	7+00	75.3	75.5	75,5	75.5	75.5					75.5				75.5	75.5
≥ 8000	78.0	79.7	74.7	77.	79.3	79.8				1			79.8	79.8		79.8
≥ 7000	10.1	07.5	うりょう	80.7	86.7	80.7	30.7	80.7	80.7	80.7	80.7		80.7	80.7	PC . 7	80.7
≥ 6000	73.7	40.5	8U.1	ÖÖ⊕ ^R	80.0	80.8	P() . 8	∂ 0•8	80.6				80.8	80.P	3C . 8	80.8
≥ 5000	10.7	60.5	711.7	30.0	80.8	80.B	80.8	80.8				80.9	30.8	80.8	86.8	80.8
≥ 4500	70.7	80.0	80.7	80,8	9() • 8	80.8	ក្⊍∙ដ	80.8	80.8	80.8	80.8	87.8	50.8	a∪.8	80.8	80.8
≥ 4000	10.7	60.5	80.7	30.8	80.0	8.06	∂(j. 8	80.8	80.8					80,8	80.8	80.8
≥ 3500	70.7	30.5	80.7	40.8	80.8	67.5	80.8	80.8	80.6	80.8	80.8	80.8	30.8	80.8	80.8	80 . B
≥ 3000	14.1	B0.5	<u> 60./</u>	၁၉ ရ	8 ₀ ,8							80.2	90.8	80.8	30.8	80.2
≥ 2500	70.7	60.5	90.7	80.3	80.8	ಟ∩ • 8	80.8				10.8	80.0	80.8	80.8	80.8	80.5
≥ 2000	19.5	E 1 + 1	E1.2	b1.4	81.4	81.4			81.4						41.4	81.4
≥ 1800	1002	67.2	17,4	39.5	89.7	09.7	A9.7	87.7			89.7	87.7	89.7	69.7	89.7	89.7
≥ 1500	7 to • 9	92 . K	9300	93.2	93.3										73.3	93.3
≥ 1200	.5.5	97,8	98.1	36.5	98.3				96.3				96.3	98.3	98.3	98.3
≥ 1000	50.04	93.9	99.2	99.3	39.0		99.6							99.6	99.0	99.6
≥ 900	74.4	95.9	99.2		99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800	45.5	99.0		99.5	99.9										100.0	
≥ 700	92.5	99.0	99.3	99.4	99.9	99,9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	12.5	99.0	94.3	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	92.5	99.0	99.3	99.6	99,9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	92.5	97.0	99.3												100.0	
≥ 300	92.5	90.0	79.3	99.5											100.0	
≥ 200	92.5	49.C	99.3	99.n											100-0	
≥ 100	92.5	99.0	99.3	99.4	95.9	99.9	100.0	100.0	100.0	100.0	100.0	100.7	100.0	100.0	100.0	100.0
≥ 0	42.5	49.0	99.3	99.5			100.0									

TOTAL NUMBER OF OBSERVATIONS

719

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

MATE PROCESSING - KANCH

CEILING VERSUS VISIBILITY

TT 10 465 - A CT 4 14 15

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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CEILING							VIS	BILITY STA	ATUTE MILE	:S:						
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2	≥ 2	<u>≥</u> t.	≥1'₄	≥1	≥ ,4	≥ ,	≥ ;	≥ 5 16	ا ، د	≥0
NO CEILING ≥ 20000	7 و ر 7	75.1	75.4		75.4	75.4		75.4	75,4		75.4	75.4	75.4	75.4	75.4	75.4
≥ 18000 ≥ 16000	73.4 73.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	74.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 14000 ≥ 12000	73.4	75.4	75,4		75.4		75.4	75.4	75.4		75.4	75.4 75.4	75.4	75.4	73.4	75,4
≥ 10000 ≥ 9000	73.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4 75.4	75.4	75.4	75.4	75.4	75.4	79,4	75,4 75,4	75.4
≥ 8000 ≥ 7000	14.3	77.5	77.1	77.1 77.0	77.1	77.9		77.1	77.1	77.1	77.1	77.0	77.1		77.1	77.9
≥ 6000 ≥ 5000	75.3	77.5	77.9	77.7	77.9	77.9	77.9	77.9 77.9	77.9	77.9 77.9	77.9	77.9	77.9	77.9	77.9	
≥ 4500 ≥ 4000	73.3	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9 77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 3500 ≥ 3000	75.3	77.8 78.8	77.9 78.9	1	77.9	77.9		77.9 78.9	77.9	77.9	77.9 78.9	77.9	77.9 75.9	74.9	77.9	78,9
≥ 2500 ≥ 2000	76.3	79.4	79.5	79.0	79.6	79.6	79.9	79.6	79.6	79.6	79.9	79.6	79.6	79.9	79.6	79.6
≥ 1800 ≥ 1500	74.B	68.8 94.5	79.1 94.9	~ (95.3	95.3	89.1 95.3	95.3	87.1 95.3	95.3	89.1 95.3	89.1 95.3		95.3	
≥ 1200 ≥ 1000	50.5 50.8	95.5 97.1	97.1	97.1 97.7	97.7	97.7		97.8 98.3	97.8	97.8		97.8 98.3	97.8	98.3	97.8	98.3
≥ 900 ≥ 800	A0.0	97.1	97.7	97.7	98.2	98.2	98.5	98.3	98.3	98.5	98.5	98.3	98.3	98.5	98.5	
≥ 700 ≥ 600	30.8	97.1	97.7	97.7	98.3		94.8	98.8 98.8	98.8	98.8 98.8	98.8	98.R 98.B	98.8	98.8	98.6	98.8
≥ 500 ≥ 400	90.8	97.1	97.9	97.9	98.6	99.6	99.0	99.0	99.0	99.2	99.2	99.2	99.6	99.6	99.6	99.6
≥ 300 ≥ 200	90.8	97.1	97.9	97.9		98.6	99.0	99.0	99.0			99.7	99.7	99.7	99.7	
≥ 100 ≥ 0	40.8	97.1	97.9	97.9			99.0		99.0	99.2				99.7		

TOTAL NUMBER OF OBSERVATIONS

725

USAF ETAC FORM OLIGH 0-14-5 (OL 1) PREVIOUS SULFISHED OF THE FORM ARE OBSOLETE

GIATA TI INN LAS MATAMA IS

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

. 444

CEILING							VIS	BILITY (ST.	ATUTE MIL	.ES.		-,				
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2 /	≥ 2	≥1 2	≥1'a	≥1	≥ '	≥ ′•	2 7	≥ 5 16	≥ .	≥0
NO CEILING ≥ 20000	. ∪ . 4	u7.1	" 7 • 1	47.1	37.1	1.75	97.1	87.1	87.1	87.1	3/.1	ā7.1	77.1	67.1	<i>p</i> /	67.1
≥ 18000 ≥ 16000	0.4	67.1	87.1	37.1	87.1	87.1	87.1	87.1	87.1 87.1	87.1 87.1	37.1	87.1 87.1	87.1	87.1	77.1	87.1 87.1
≥ 14000 ≥ 12000	10.4	57.1 67.1	67.1	87.1 87.1	97.1	87+1 57+1	87.1 87.1	87.1 87.1	87.1	87.1	97.1 87.1	87.1 87.1	87.1 87.1	87.1	P7.1	87.1 87.1
≥ 10000 ≥ 9000	10.4	67.1	27.1	57.1 37.1	87.1 97.1	67.1	37.1 87.1	87.1 87.1	87.1 87.1	87.1	87.1 P7.1	87.1	87.1 87.1	87.1 07.1	87.1 P7.1	87.1
≥ 8000 ≥ 7000	10.4	67.1	37.1	67.1	87.1	87.1	87.1	87.1 87.1	87.1 87.1	87.1 87.1	87.1	87.1 87.1	87.1	37.1 87.1	77+1 47+1	87.1
≥ 6000 ≥ 5000	12.4	87.1 67.1	97.1 57.1	87.1	97.1	87.1	47.1 47.1	87.1	87.1	87.1	87.1 87.1	87,1 87,1	87.1	87.1 87.1	27.1 87.1	87.1 87.1
≥ 4500 ≥ 4000	0.4	87.1	47.1	67.1	87.1	67.1	87.1	87.1 87.1	87.1	87.1	P7.1	87.1 87.1	87.1 87.1	87.1 87.1	87.1	87.1
≥ 3500 ≥ 3000	10.4	67.1	57.1	457.1	87.1	87.1	87.1	87.1	87.1 87.1	87.1	87.1	87.1 87.1	87.1 87.1	87.1	97.1	87.1 67.1
≥ 2500 ≥ 2000	0.4	87.1	87.1	87.1 87.3	27.3	87.3	87.3	87.1	87.1	87.1	87.1 87.3	67.1 87.3	87.1	87.1	87.1	87.1
≥ 1800 ≥ 1500	7.2	94.7	96.2	99.3	99.3	96.2	99.3	96.2	96.2	97.3	99.3	96.2	96.2	99.3		99.3
≥ 1200 ≥ 1000	97.2	99.4	99.7	99.7 99.7	99.7	99.7	100.0	,	99.7	100.0	100.0	99.7	99.7	99.7	99.7 100.0	100.0
≥ 900 ≥ 800	91.2	99 4	99.7	99.7	99.7	99.7			100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700 ≥ 600	97.2	99.4	99.7	99.7	99.7		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500 ≥ 400	97.2	99.4	99.7	99.7	99.7	99,7	100.0			100.0	100.0	100.0 100.0	100.0	100.0	100.0	100.0
≥ 300 ≥ 200	97.2	99.4	99.7	99.7	99.7	99,7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100 ≥ 0	97.2		99.1	99.7				100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

708

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PATA PROCESSING PRANCH SAF ETAC AIR REATHER RESYSTERIOR C

CEILING VERSUS VISIBILITY

41413

PI AR AT SA CAM MATERIT

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS I S

CEILING							VIS	IBILITY ISTA	ATUTE MIL	ES.						7
FEET	≥10	≥ 6	≥ 5	≥ 4	≥ 3	≥2 .	≥ 2	≥1'2	≥1.	≥1	≥ i ₂	≥ '8	د، ≤	≥ 5 16	≥ ·₄	≥0
NO CEILING ≥ 20000	1.0	51.5	"(•6	81.3	71.6	۱۰۲۵	81.6	81.6	81.6	81.6	81.6	B1.6	R1.6	81.6	81.0	81.4
≥ 18000 ≥ 16000	1.9	51.5 61.6	51.6	81.6 0.15	81.6	01.6	81.6	81.6 81.6	81.6	81.6	41.6	81.5	51.6 81.6	81.6	81.6	81.6
≥ 14000 ≥ 12000	11.0 81.0	61.7	*1.6		81.0	81.6	81.0		81.6	81.6	81.0	81.6	81.6	81.6 81.6	81.6	81.6
≥ 10000 ≥ 9000	1 . U	01.5 01.0	81.0	81.5	81.0	81.6	F1.6		81.6 81.6	81.6 81.6		81.6	81+6 81+6		81.6 81.6	81.6
≥ 8000 ≥ 7000	11.00	81.6	81.0		81.0	81.6	81.0	81.6	41.6	81.6 81.6	81.6	81.6	81.6 81.6	31.6	81.6	81.6
≥ 6000 ≥ 5000	1.00	81.6	81.0	81.6	81.0	81.6		81.6	81.6	81.6	81.6	81.5	81.6 81.6	81.6 81.6	P1.6	81.6
≥ 4500 ≥ 4000	11.0	51.0	H1.0	81.6		81.6		81.6		81,6	H1.6	81.6	P1.6		81.6	
≥ 3500 ≥ 3000	1.0	41.6	81.6	81.6	8	61.6	81.6	81.6		81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 2500 ≥ 2000	71.0 1.7 95.8	31.6 d1.7	81.0 81.7	81.6 81.7	91.6 91.7	81.7	81.6	81.0 81.7	81.6 81.7	81.7	Pl.6 Pl.7	81,7	81.6	81.7	81.0	81.6
≥ 1800 ≥ 1500	70.0	99.2	99.2	99.3	99.3	96.8 99.3	99.3 100.0	99.3	99.3		96.8	96.8 99.3	96.8	96.5 99.3	99.3	96.8 99.3
≥ 1200 ≥ 1000 ≥ 900	98.7	99,9	99.9	100.0		100.0	100.0	100.0			100.0	100.0	100.0	100.0	100.0	100.0
≥ 900 ≥ 800 ≥ 700	95.7	99.9	99.9	100.0		100.0	100.0	100.0	100.0		100.0			100.0		100.0
≥ 600 ≥ 500	95.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400 ≥ 300	98.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	98.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2 0	90.7	99.9			100.0											

TOTAL NUMBER OF OBSERVATIONS

74

USAF ETAC 101.64 0-14-5 (OL 1) PREVIOUS ETATS OF THIS FORM ARE OBSOLETE

41413

TIMING NAS ARIA'A IS

46

100 0700

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0020-0200

CEILING							VIS	BILITY IST	ATUTE MIL	ES						
FEET:	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2 ∵	≥ 2	≥112	≥114	≥1	≥ ⅓	≥ '-*	≥ :	≥5 16	٤.	± 9
NO CEILING ≥ 20000	3.3	63.3	83.3	83.3	83.3	33.3 83.3	63.3 83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3 63.3	83.3 83.3	83.3
≥ 18000 ≥ 16000	*3.3 *3.3	83.3	83.3	83.3	83.3 83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	63.3	H3.3	83.3
≥ 14000 ≥ 12000	63.3	63,3	43.3	83.3	83.3 83.3	63.3 83.3	83.3 83.3	83.3	83.3	83.3 83.3	83.3 83.3	83.3	83.3 83.3	83.3 83.3	83.3 83.3	83.3
≥ 10000 ≥ 9000	13.3	87,3	13.3	83.3 53.3	83.3		83.3	83.3	83.3	83.3	83.3		83.3	83.3	83.3	83.3
≥ 8000 ≥ 7000	13.3	43.3	83.3	63.3	93.3 93.3		83.3	83.3	83.3	83.3	83.3	83.3	83.3		83.3	83.3
≥ 6000 ≥ 5000	83.3 6.68	63.3	"3.3 "3.3	83.3	83.3		83.3	83.3	83.3	83.3 83.3	83.3 83.3	83.3	83.3	83.3	83.3	83.3
≥ 4500 ≥ 4000	43.3	83.3	13.3	83.3	83.3	83.3	83.3	83.3	83.3 83.3	83.3	A3.3		83.3 83.3		83.3 83.3	83.3
≥ 3500 ≥ 3000	43.3	83.3 83.3	83.3	83.3	83.3	83+3 63+3	83.3 83.3	83.3	83.3	83.3	83.3		83.3		83.3 83.3	83.3 83.3
≥ 2500 ≥ 2000	53.3 -3.3	57,5 57,5	63.3 83.3	83.3 83.3	83.3	63.3 63.3	83.3 83.3	83.3	83.3 83.3	83.3	83.3 83.3	83.3	83.3	33.3 83.3	83.3	83.3 83.3
≥ 1800 ≥ 1500			100.0	100.0	100.0	100.0	100.0			100.0	100.0	100.0		100.0	100.0	100.0
≥ 1200 ≥ 1000	97.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900 ≥ 800	47.2	104.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100,0	100.0
≥ 700 ≥ 600	97.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.c	100.0	100.0
≥ 500 ≥ 400	97.4	100.0	100.0	100.0	100.0	100.0	100.0	100,0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300 ≥ 200	37.2	100.0	100.0 100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.c	100.0	100.0
≥ 100			100.0													

TOTAL NUMBER OF OBSERVATIONS

31

USAF ETAC NIL 64 0-14-5 (OL 1) PREVIOUS EDITINAL OF THIS KOPPL ARE OBSCIETE

41614 TI'IAN NAS - ARTANA IS

.s.Air

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500

CEILING					··		VIS	BILITY (ST	ATUTE MILI	ES1						
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥ 21.7	≥ 2	≥11.2	≥1%	≥1	≥ ;4	≥ y ₆	≥ '7	≥ 5 16	≥ .	≥0
NO CEILING ≥ 20000	77.0	77.5	77.4 77.0	77.7	77.8 77.8	77.8 77.8	77.8	77.8	77.8 77.8	77.8 77.8	77.8	77.8	77.8	77.8	77.3	77.8 77.8
≥ 18000 ≥ 16000	77.d	77.4	77.8 77.8	77.5	77.0	77.8	77.8	77.8	77.5	77.8	77.8	77.3	77.8	77.8	77.8	77.8 77.8
≥ 14000 ≥ 12000	17.0	77.8	77.6	77.1	77.8	77.8	77.8	77.8	77.8 77.8	77.8 77.8	77.8	77.8	77.8	77.8 77.8	77.6	77.8
≥ 10000 ≥ 9000	77.0	77.1	77.8	77.4	77.6	77.8 77.8	77.8	77.8	77.8	77.8 77.8	77.8	77.8	77.8	77.8 77.8	77.8	77.8 77.2
≥ 8000 ≥ 7000	77.5	77.7	77.8	77.1	77.8	77.8 77.8	77.8	77.8	77.8	77.8	77.8	77.5	77.8	77.8	77.8	77.8 77.8
≥ 6000 ≥ 5000	77.8	77.4	77.0 77.0	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8 77.8	77.8	77.8	77.8	77.8
≥ 4500 ≥ 4000 ≥ 3500	77.0	77.3	77.0	77.4	77.8 77.8	77.8	77.8	77.8 77.8	77.8 77.8	77.8 77.8	77.8	77.8 77.8	77.8	77.8	77.5 77.5	77.3
≥ 3500 ≥ 3000 ≥ 2500	77.8	77.×	77.8	77.8	77.8	77.8	77.8	77.8		77.8	77.8	77.8	77.8	77.8 77.8 77.8	77.8	77.8 77.8 77.8
≥ 2000 ≥ 1800	77.0	77.d	77.0	77.4 85.1	77.4	77.8	77.8	77.8 86.1	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8 86.1
≥ 1500	74.4	100.0	100.0	lun n		100.0	100.0	100.0	100.0	100,0		100.0	100.0	100.0	100.0	100.0
≥ 1000	14.4	100.0	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	• 1	100.0	100.0
≥ 800 ≥ 700	04.4	100.0	100.0		100.0		100.0		100.0			100.0	100.0		100.0	100.0
≥ 600	74.4	- •	100.0	100.0	100.0		100.0		100.0			100.0	100.0		100.0	
≥ 400 ≥ 300	94.4		100.0						100.0			100.0		100.c		
≥ 200		100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.C	100.0	
≥ 0	94.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.C	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

36

USAF ETAC JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

TATA PROCESSING RANCH SSAF ETAC ATR "EATHER SERVICES" AC

CEILING VERSUS VISIBILITY

41413

TIPLIAL MAS - ANTAMA IS

MONTH I

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

C\$00-080C

CEILING		•			-		VIS	BILITY ST	ATUTE MIL	ES:						
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2∵/	≥ 2	≥1%	21%	≥1	≥ l _a	≥ `.	≥ ;	≥ 5 16	≥ ،	≥0
NO CEILING ≥ 2'000	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 18000 ≥ 16000	74.5	74.4	74.5	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 14000 ≥ 12000	74.3	74.3	14.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3 74.3	74.3	74.3 74.3	74.3	74.3	74.3	74.3
≥ 10000 ≥ 9000	74.3	74.3	74.3	74.3	74,3	74.3	74.3	74,3	74.3	74.3	74.3	74.3	74.3	74.3 74.3	74.3	74.3
≥ 8000 ≥ 7000	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 6000 ≥ 5000	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 4500 ≥ 4000	74.5	74.3		74.3	74.3	74.3	74.3	74,3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 3500 ≥ 3000	74.3 74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 2500 ≥ 2000	77.0	77.0	77.0	74.3	74.3	74.3 77.0	77.0	77.0	77.0	77.0		74.3	74.3	77.C	77.0	77.0
≥ 1800 ≥ 1500	97.3	98.6	48.5	99.5	98.6	98.6	98.6	93.2	98.6 100.0	94.6			93.2	98.6		
≥ 1200 ≥ 1000 ≥ 900	93.0	100.0		100.0	100.0	100.0	100.0	100.0		100.0	100.0	100.0	100.0 100.0	•		100.0
≥ 800	98.0	100.0	100.0	100.0	100.0			100,0			100.0	100.0	100.0		100.0	100.0 100.0
≥ 600	96,0	100,0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.5	100.0		100.0	100.0
≥ 500 ≥ 400 ≥ 300	44.0	100.0		100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	40.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100 ≥ 0					100.0											

TOTAL NUMBER OF OBSERVATIONS

74

USAF ETAC FORM OLIGINAL O-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

MATA PROCESSION RANCH USAF ETAC AIR MEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

41413

TIMION NAS MARIANA IS

46

WHA!

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

a#006-Y100

CEILING							VIS	IBILITY STA	ATUTE MIL	ESı						
FEET	≥10	≥6	≥ 5	≥ 4	≥3	≥21,2	≥ ?	≥117	≥114	≥1	≥ ¾	≥ %	≥%	≥ 5 16	≥	≥0
NO CEILING ≥ 20000	55.0		65.6		1 7 7	65.6 65.6	65.6	1 ~ " ;]	65.6					64.6		
≥ 18000 ≥ 16000	55.5 65.6		55.0		1	65.6	65.6		65.6			65.6		65.6		65.6
≥ 14000 ≥ 12000	^5,0	اد تمیا	65.6		65.6	05.6 65.6	65.6		65.6					65.6		65.6
≥ 10000 ≥ 9000	15.6	7 .	65.6	· .		65.6	65.6	امتنتا	65.6			65.6 65.6		65.6	65.6	65.6
≥ 8000 ≥ 7000	65.6	64.5	65.6			65.6 65.6			65.6	1	1	65.6		65.6		65.6
≥ 6000 ≥ 5000	75.0	امثيدا	55.6			65.6	65.6	المتشتا	65.6			65.6		65.6	65.6	65.6
≥ 4500 ≥ 4000	53.0	65.6	65.0	65.4	65.6	05.6 05.6			65.6	65.6		65.6	65.6	65.6 65.6	45.6 65.6	65.6
≥ 3500 ≥ 3000	5,0	65.5	65.6	65.6	65,6	65.6	65.6	65,6	65.6	ام" میا		65.6 65.6	65.6	65.6	65.6	65,6
≥ 2500 ≥ 2000	19.5	59.9	59.9	69.9	59.9	65.6	69.9	65.6	69.9	69,9		65.6		65.6	69.9	69.9
≥ 1800	91.4	92.5	92.5	93.4	93.5	93.5	88.2	88.2 93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 1200	22.5	93.5	93.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 900 ≥ 800	92.5	93.9 98.9	93.5	100.0	100.0	100.0	100.0	94.6 100.0	94.6	100.0	100.0	100-0	34.6 100.0	100.0		94.6
≥ 700 ≥ 600	93.7	90 9 90 9	98.9 98.9	100.0 100.0	100.0	100.0	100.0		100.0	100.0	7	100.0	100.0	100.0		100.0
≥ 500 ≥ 400	95.7	98 9 98 9	98.9	100.0	100.0	100 • 0 100 • 0	100.0	100.0	100.0	100.0 100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300 ≥ 200 > 100	95.7	98.9	90.9	100.0	100.0		100.0	100.0	100.0		100.0	100.0	7	100.0		100.0 100.0
≥ 100 ≥ 0	95.7	yμ, 9	-		100.0						~ ~ ~ ~ ~			100.0		100.0

TOTAL NUMBER OF OBSERVATIONS

93

USAF ETAC FORM O-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE QBSQLETE

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DATA PROCESSING DRANGO ISAF ETAC AIR DEATHER SERVICE/FAC

CEILING VERSUS VISIBILITY

TATION

TINIAN MAS LARIAMA IS

46

. 514

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400

CEILING							VIS	IBILITY (ST	ATUTE MIL	.ESı						
FEET	≥10	≥6	≥5	≥ 4	≥3	≥2%	≥ 2	≥}'₂	≥114	≥1	≥ ⅓4	≥ ''⊌	≥ 17	≥ 5 16	≥ .₁	≥0
NO CEILING ≥ 20000	ົ່ວ.3 "ວ.5	31.6	51.6		51.6 51.6	- 1	51.6		51.6 51.6		51.6 51.6	51.6 51.6	51.6		51.6	
≥ 18000 ≥ 16000	50.5	51.6	51.0	51.6 51.6	51.6 51.6		51.6		51.6		ادتيا	51.6 51.6	51.6		51.0	
≥ 14000 ≥ 12000	50.5	51.6 51.6	51.0	1.0 51.0	51.0		51.6		51.6		51.6 51.6	51.6	51.6	1 1 4	51.6 51.0	· al
≥ 10000 ≥ 9000	50.5	51.6 51.6	٥ ١ ٥	5 5 5 5	51.6 51.6	51.6	51.6		51.6 51.6		51.6 51.6	51.6 51.6	51.6 51.6		51.0	- 7 7 4
≥ 8000 ≥ 7000	50.5	51.5 51.7	51.6		51.6 51.6	51.6	51.6	51.6	51.6 51.6	51.6		51.6		-	21.0	
≥ 6000 ≥ 5000	50.0	51.5	51.6 51.6	7.1	51.6	51.6	51.6		51.6	51.6	51,6	51.6 51.6			51.6	
≥ 4500 ≥ 4000	50.5	51.5 51.5	51.0	51.6	51.6	51.6	51.6	51.6	51.6	51.0	51.6	51.6 51.6	51.6	51.0	51.0	51.0
≥ 3500 ≥ 3000	50.5	51.5 51.5	21.0	51.6 51.5	51.6	51.6			51.6		51.6	51.6	51.6	51,6	51.6	51.4
≥ 2500 ≥ 2000	2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	57.0	5/.0	51.h	57.0	57.0	97.0	57.0	· · · · · ·	57.0		51.6 57.0	57.0	57.0	57.0	57.0
≥ 1800 ≥ 1500	7).4	95.7	92.5	92.5	92.5	92.5	92.5	72.5 95.7	92.5	95.7	92.5	92.5	92.5 95.7	92.5	92.5	95.7
≥ 1200 ≥ 1000	73.5	96.8		96.8	96.3	96.8	30.8	96.8		96.8	96.8	96.8	96.8	96.8 96.8	96.8	96.8
≥ 900 ≥ 800	93.5 90.4	100.0	100.0	100.7		100.0		100.0		100.0	100.0	96.8	100.0	96.8 100.0		
≥ 700 ≥ 600	90.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
≥ 500 ≥ 400	20.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300 ≥ 200	30.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0			100.0	100.0	
≥ 100 ≥ 0											100.0					

TOTAL NUMBER OF OBSERVATIONS....

93

USAF ETAC JUL64 0-14-5 (OL 1) PREVIOUS ELITICINS OF THIS FORM ARE OBSCIETE

TATA PROCESSING ARANGA USAH ETAC BIR REATHER SERVICEVINC

CEILING VERSUS VISIBILITY

41413

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700

CEILING							VIS	BILITY (ST	ATUTE MIL	ES:						
(FEET)	≥10	≥6	≥5	≥ 4	≥ 3	≥2.,	≥ 2	≥11/2	≥1 ′₄	≥1	≥ 3/4	≥ ¾	≥ 1/2	≥5 16	≥	≥0
NO CEILING ≥ 20000	66.	66.7	56.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 18000 ≥ 16000	60.	66.	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 14000 ≥ 12000	66.	66.	66.7	66.7	66.7	66.7	60.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 10000 ≥ 9000	06.	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 8000 ≥ 7000	66.	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7 66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 6000 ≥ 5000	66.	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 4500 ≥ 4000	60.	66.	66.7	06.7	66.7	66,7	66.7	66.7	66.7	66.7	66.7	66.7	777	66.7	66.7	66.7
≥ 3500 ≥ 3000	60.	66.	66.7	66.7	66.7	66.7	66.7	66.7	66.7	60.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 2500 ≥ 2000	68.6						1		3 - 1 -				68.8	68,8		68.8
≥ 1800 ≥ 1500 ≥ 1200	97.0	98.9	98.9	98.9		98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1200 ≥ 1000 ≥ 900	97.6	98.9	90.9	98.9	98.9	98,9	90.9	98.9	98.9	98.9	98.9		:	98.9	98.9	98.9
≥ 800 ≥ 700	90.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	93.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	96.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	96.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0			100.0													

TOTAL NUMBER OF OBSERVATIONS

9

USAF ETAC FORM OLI 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING THANCH

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1400-3000 1400-3000

CEILING							VIS	IBILITY (ST	ATUTE MILE	ES:	-	_				
FEET	≥10	≥ 6	≥ 5	≥ 4	≥ 3	≥2';	≥ 2	≥1°.	≥1'4	≥1	≥ :4	≥ y. ⁸	≥ ,	≥ 5 16	≥ '4	≥0
NO CEILING ≥ 20000	74.5	79.4	79.5	79.5	79.5 79.5	79.5	79.5	79.5	79.5	79.5	79.5 79.5	79.5	79.5 79.5	79.5 79.5	79.5 79.5	79.5 79.5
≥ 18000 ≥ 16000	79.5	79.5	79.5	79.5	79.5	79.5 79.5	79.5	79.5 79.5	79.5	79.5	79.5 79.5	79.5	79.5	79.5 79.5	79.5 79.5	79.5
≥ 14000 ≥ 12000	79.5	79.5	79.5	79.5	79.5	79,5	79.5	79.5 79.5	79.5 79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5 79.5
≥ 10000	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 8000 ≥ 7000	77.5	79.5	79.5	79.5 79.5	79.5 79.5	79.5 79.5	79.5	79.5 79.5	79.5	77.5	79.5	79.5 79.5	79.5	79.5 79.5	79.5 79.5	79.5 79.5
≥ 6000 ≥ 5000 ≥ 4500	79.5	79.5	79.5	79.5 79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5 79.5	79.5
≥ 4500 ≥ 4000 ≥ 3500	79.5	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 3000 ≥ 3000 ≥ 2500	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 2000	34.5	94.5	94.5	94.5	83.6	83.6	8 j. 6	83.6 94.5	94.5	94.5	83.6	83.6	94.5	63.6 94.5	R3.6	83.6
≥ 1500 ≥ 1200	90.0		100.0	100.0		100.0	100.0		100.0		100.0		100.0	100.0		100.0
≥ 1000			100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	. • • • •	100.0	100.0
≥ 700	75.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600 ≥ 500 ≥ 400		100.0		- 4 - 4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300 ≥ 200	প্র ক	100.0	100.0 100.0	100.0		100.0	100.0	100,0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100 ≥ 0	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

13

USAF ETAC 101.64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

MATA PRUCESSI I MARKOH USAF ETAC DIK MEATHER SERVICE/140

CEILING VERSUS VISIBILITY

41413

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300

CEILING		_					VIS	IBILITY IST	ATUTE MILI	ESI						
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥21/2	≥ 2	≥1%	≥1'4	≥1	≥ ¾	≥ ⅓	≥ 'າ	≥ 5 16	≥ :4	≥0
NO CEILING ≥ 20000	23.9 93.9	93.9		93.9		93.9	93.9	93.9 93.9	93.9			93.9				1
≥ 18000 ≥ 16000	93.9	93.9	43.9 9.64	93.9		93.9	93.9	1	93.9			93.9			93.9	1
≥ 14000 ≥ 12000	43.9	93.9	,,	93.9		93.9		. ,	93.9			93.9		- 1	93.9	
≥ 10000 ≥ 9000	92.9	93,9		93.9	10	93.9			93.9			93.9				93,9
≥ 8000 ≥ 7000	93.9	93,9	93.9	93.9		93.9	93.9	93.9	93.9	93.9	93.9	93.9		93.9 93.9	93.9	93,9
≥ 6000 ≥ 5000	93.9	93.9	- 1	93.9		93.9	- 1		93.9			93.9	93.9	93.9	93.9	93,9
≥ 4500 ≥ 4000	93.9	93.9)	93.9	93.9	93.9	93.9	93.9	93.9		93 .9 93 . 9	93.9	93.9		93.9	93.9
≥ 3500 ≥ 3000	93.9	93.9	93.9	93.9	93.9	93.9		93.9	93.9	93.9 93.9		93.9	93.9		93.9	93.9
≥ 2500 ≥ 2000	93.9	93.9	93.9		93.4	93.9	93.9	93.9		93.9	93.9		93.9	93.9	93.9	93.9 93.9
≥ 1800 ≥ 1500	100.0	100.0	100.0	100,0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100 .C
≥ 1200 ≥ 1000	100.0	100.0	100.0	100,0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900 ≥ 800	100.0	100,0	100.0	100,0	100.0	100.0	100.0	100.0	100.0	100,0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700 ≥ 600	100.0	100.0	100.0	Jon.n		100.0	100.0	100,0	100.0	100,0	100.0	100 .C	100.0	100.0	100.0	100.0
≥ 500 ≥ 400	100.0	100,0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300 ≥ 200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	100.0				100.0											

TOTAL NUMBER OF OBSERVATIONS

33

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

41411

TIME AND MASS MARIANA IS

4.6

MONTH B

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0.080 - 0.800

CEILING							VIS	IBILITY (ST	ATUTE MIL	.ES:						
(FEET:	≥10	≥6	≥ 5	≥ 4	≥ 3	≥212	≥ 2	≥11-2	≥1¼	≥1	≥ 1/4	≥ >8	≥ ′ 7	≥ 5 16	≥ :	≥0
NO CEILING ≥ 20000	70.2	1	78.6	78.2 78.2	78.2	1	78.2	78.2	78.2				_		70.2	
≥ 18000 ≥ 16000	70.2	78.2	1	78.2 78.2	75.2		78.2	78.2 78.2	78.2 78.2	1	78.2	78.2 76.2			78.2 75.2	78.2 78.2
≥ 14000 ≥ 12000	18.2	78.2		78.2 78.2	76.2	7	78.2 76.2	78.2	~ 📟	1	78.2	1 2 2 3	78.2 78.2		1 -	78.2
≥ 10000 ≥ 9000	78.2	79.2 78.2	78.2	78.2	78.2	1 - 1	70.2	78.2 78.2	78.2 75.2			78.2 78.2	78.2 78.2		78.2 76.2	78.2 78.2
≥ 8000 ≥ 7000	78.2 78.2	78.2		78.2 78.2	78.2	78.2	7d.2	78.2 78.2				78.2 78.2			_	78.2
≥ 6000 ≥ 5000	70.4	18.2 18.2		78.2 78.2	78.2	78.2	78.2	78.2 78.2				78.2				78.2 78.2
≥ 4500 ≥ 4000	75.2	79.2 00.0		79.7 60.0	78.2	1	78.2	78.7	78.2		78.2	7ª.2	1			
≥ 3500 ≥ 3000	*0.0 50.0	80.0 80.0								1	ì					
≥ 2500 ≥ 2000	Hlad Hlad	51.8	41.8			1 -		81.8				• •	_		_	
≥ 1800 ≥ 1500	100.0		, ,			94.5			, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,						,	
≥ 1200 ≥ 1000						100.0										
≥ 900 ≥ 800						100.0										
≥ 700 ≥ 600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500 ≥ 400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300 ≥ 200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100 ≥ 0						100.0										

TOTAL NUMBER OF OBSERVATIONS

55

USAF E1AC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

61413

TI ING JAS ALIANA IS

40

FFB

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0209-1100

CEITING							VIS	IBILITY (STA	ATUTE MILI	ES.						
FEET	≥10	≥ 6	≥ 5	≥ 4	≥ 3	≥2.	≥ 2	≥1'2	≥1%	≥1	≥ 14	≥ :-8	≥ ',	≥ 5 16	، ج	≥0
NO CEILING ≥ 20000	* 4	64.3	64.3 54.3	04.3 64.3	64.3	04.2 64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 18000 ≥ 16000	6.6	04.3	04.5 64.5	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 14000 ≥ 12000	54.3	64.4	54.3	04.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 10000 ≥ 9000	64.3	64.3	64.3	64.3 64.3	64.3	64.3	64.3	64.3	64,3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 8000 ≥ 7000	04.3	64.3	54.3 54.3	04.3	64.3	64,3	64,3	64,3	64.3	64.3		64.3	64.3	64.3	64,3	64.3
≥ 6000 ≥ 5000	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 4500 ≥ 4000	64.3	64,3	64.3	* * *	64,3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 3500 ≥ 3000	64.3	64,3	54.3 54.3	64.3	64.3	64.3 54.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 2500 ≥ 2000	64.3	64.3	04.3	64.3	64.3	04.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 1800 ≥ 1500	92.9	95.2	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 1200 ≥ 1000	97.0	90.4	27.0	96.4	100.0	96.4 100.0			100.0		96.4 100.0		96.4 100.0			96.4
≥ 900 ≥ 800	97.6 97.6	97.5 97.6	97.6 97.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	
≥ 700 ≥ 600	91.0	97.6	97.6	100.0	700.0		100.0		100.0	100.0		100.0	100.0	100.0	100.0	100.0
≥ 500 ≥ 400	97.0	97.5	97.6	100.0	100.0 100.0	100.0	100.0	100.0 100.0	100.0	100.0		100.0 100.0	100.0		100.0	100.0
≥ 300 ≥ 200 > 100	97.0	97.6	97.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100 ≥ 0	47.0	97.6													100.0	

TOTAL NUMBER OF OBSERVATIONS

н

USAF ETAC FORM BIT 64 0-14-5 (OL 1) PREVIOUS ELECTIONS OF THIS FORM ARE OBSOLETE

TATA PRINCESSING TRANCH USAF ETAC GIP REATHER SERVICE/CAC

CEILING VERSUS VISIBILITY

61414 TIPING NAS CARTANA IS

46

*P.F.B

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1400-1400

CEILING							VIS	BILITY IST	ATUTE MIL	ES:						
FEET	≥10	≥6	≥5	≥ 4	≥ 3	≥21/	≥ 2	≥112	≥114	≥1	≥ }4	≥ , s	≥ ,	≥ 5 16	2.1	≥0
NO CEILING ≥ 20000	33,2 2a,2	58.3	580.3 20.3	58.3 58.3	50.3 58.3	58 • 3 59 • 3	50.3	58.3 54.3	50.3	58.3 50.3	· ~	58.3 58.3	50.3	りド・3 5日・3	56.3	58.1 58.1
≥ 18000 ≥ 16000	70.3	58.3	50.3 50.3	58.3 58.3	50.3 54.3	58.3 58.3	50.3 58.3	58.3 58.3	58.3	58.3 58.3		58.3 58.3	58.3 58.3	59.3 59.3	58.3	58 58
≥ 14000 ≥ 12000	20.5 20.5	1 .	ეი. ემ.ე	58.1 59.1	58.3 50.3	58.3 51.3	58.3 56.3	58.3 54.3	56.3 56.3	5".3 53.3	58.3 58.3	58.3 58.3	58.3 54.3		92.3 58.3	58. 58.
≥ 10000 ≥ 9000	50.2 50.2		2 3 4 3 5 (a 3	58,3	58.3 58.3	59.3 58.3	50.3 50.3	58.3	50.3	5*.3 55.3		58.3	40,3		و و ته ۹ و و ته ۹	58 58
≥ 8000 ≥ 7000	ាស្ត្រ ១ស.ជ	54.3	546 e 5	58.1 58.1	50.3 50.3	5°,3	55.3 56.3	58.3	50.3 56.3		50.3	58.3 58.3	50.3	58.3	98.3 50.3	58
≥ 6000 ≥ 5000	18.3 10.3	58,3	20.3	58,1 58,3			50.3	58.3	56.3 58.3	58 3	58.3	58.3 53.3	50.3	54.3	58.3 58.3	58.
≥ 4500 ≥ 4000	20.2 20.2	58 . s	58.3	58,4			50.3 50.3	58.3	50.3	55.3	58.3	58.3	50.3	58.3	58.3 56.3	58,
≥ 3500 ≥ 3000		58.3	5603	59.4	50.3	58.3 58.3	50.3	58.3	58.3	55.3	58.3	58.3 58.3	58.3	58.3	58.3	58,
≥ 2500 ≥ 2000	70 ± 2	34.3	5000	56.3	58.3	58.3	50.3	58.3	58.3	58.3	58.3	58.3	58.3	5".3	58.3 56.3	58,
≥ 1800 ≥ 1500	97.c	90.8	90.0	98.0	98.8	98.8	97.6	98.3	98.8	98.8	78.8	98.9	98.8	98.8	97.6	98.
≥ 1200 ≥ 1000		100.0	100.0	100.0	95.8 100.0	100 +0	100.0	100.0		100.0	100.0	100.0	100.0	107.0		100.
≥ 900 ≥ 800	94.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.
≥ 700 ≥ 600	به زبو	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.
≥ 500 ≥ 400 > 300	G, M.	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.
≥ 300 ≥ 200 ≥ 100	48.45	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.
≥ 0		-			100.0			1								

TOTAL NUMBER OF OBSERVATIONS

H.

USAF ETAC FORM RT 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1413 TETER HAS ASTA IN 15

46

110

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

12,00-1,700

CEILING							VIS	IBILITY STA	ATUTE MIL	ES						
FEET.	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2.	≥ 2	≥1.	≥1.	≥ i	≥ ·₄	≥ : ,	≥ ;	≥ 5 16	≥ ;	≥0
NO CEILING ≥ 20000	79.8 79.8	79.1	79.0	79.4	79.8	79.4	79.8		79 • 8			79.4				79.8 79.8
≥ 18000 ≥ 16000	77.0 17.6	79.1		. •	79.8 79.8	79.9 79.8		' ' I	79.8 79.8	77.8		79.8			79.8 79.8	79. A
≥ 14000 ≥ 12000	79.8	79.5	19.8		79.5	79.8	79.8	79.8	79.8	77.8	79.8		79.8	79.8	79.8 79.d	79.8
≥ 10000 ≥ 9000	79.8	79.	79.0		79.8	79.8	79.8	79.8		7'+ A			79.8	79 B	79.8	79.8
≥ 8000 ≥ 7000	79.5	77.	79.0	79.8		79. P	79.8	79.8	79 - 8	77.8	79.8	79.8	79.8	79.A	79.6	79.8
≥ 6000 ≥ 5000	79.6	79.1	79.8	79.0	79.8	79.8	79.0	79.8	79.8	19.8	79.8	79.8 79.8	79.8	79.A	79.8	79.8 79.8
≥ 4500 ≥ 4000	79.5	19.1	79.8	79.9	77.6	79.9	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.4
≥ 3500 ≥ 3000	79.8	79.5	79.8	79.3	74.3	79.8	79.8	79.8		79.8	79.8	79.8	79.8	79.8	79.8	79.8 79.8
≥ 2500 ≥ 2000	79.8	79.	79.0			79.8		79.8	79.8	79.8		79.8	1	79.8	79.8	
≥ 1800 ≥ 1500	98.8	98.8	9 9 9 8	98.8				98.8	98.8	98.8	98.8	98.8	78.8	98.8	98.8	98.9
≥ 1200 ≥ 1000	2 3 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	98.		98.8	90.0	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8 98.8	98.8	98.8
≥ 900 ≥ 800	98.8	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700 ≥ 600	78.8	35.46	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500 ≥ 400	96.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100,0
≥ 300 ≥ 200	98.8	98.	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100 ≥ 0	96.6		100.0		1	-										

TOTAL NUMBER OF OBSERVATIONS

44

USAF ETAC 101.64 0-14-5 (OL 1) PPEVIOUS EXTREMS OF THE FORM ARE OBSCREEN

TATA PROCESSION SKANCH LSAF ETAC LIR VEATMER SERVICEVIAG

CEILING VERSUS VISIBILITY

4143 TIMING NAS ACTABLE IS

, <u>L</u>, <u>L</u>

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1406-4000

						VIS	BILITY -ST	ATUTE MIL	ES:						
≥10	≥6	≥5	≥ 4	≥3	≥2 /	≥ 2	≥112	≥1'4	≥1	≥ 1/4	≥ ′ ,	≥ '2	≥ 5 16	≥ .	≥0
. y . s	გი. კ ა ^ც . ჰ	49.3	39.3	89.3 89.3	69.1	89.3	39.3	89.3 89.3	89.3 89.4	29.3	87.3	89.3	39.3	RY.	87.3
. 9 . s	170.3	39.3	39.3	39.3	69 • 3 69 • 3	49.3	89.3	89.3	89.3	я9.3	87.3	89.3	39.3	89.3	39.3 89.3
9.5	07.4	1619	39.3	89.3	89.3	84.3	69.3	89.3	84.3	39.3	67.3	89.3	H9.3	89.3	89.3
39.3	59.3	84.3	39.4	99.3	89.3	89.3	89.3	89.3	07.3	89.3	89.3	29.3	d" 3	д9.3	89.3
19.3	57.3	99.3	69.4	я9.3	89.3	84.3	89.3	89.3	89.3	89,3	89.3	89.3	69.3	89 ¿	89.3 89.3
"4,3	د. د د	H9.3	67.3	89.3	69.3	89.3	89,3	89.3	89.3	99.3	89.3	89.3	89.3	P\$. 3	1
39.3	67.4	49.3	49.3	89.3	3 و 9 ق	34.5	39.3	89.3	69.3	39.3	89.3	89.3	69.3	H9.3	89.3
9.3	89.4	89.5	69.3	89.3	69.3	P9,3	89.3	89.3	87.3	89.3	89.3	19.3	89.3	89.3	89.3
100.0	d9 . 3	19.3	89.3	89.3	39.3	89.3	89.3	84.3	87.3	89.3	89.3	R9.3	89,3	P9.3	89.3
100.0		,													
100.0	100.0	100.0													
100.0	tonic	100.0	ton.o	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100.0	100.0	100.0	100.0	100.0	100.0	100.0	ton.o	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	9.3 9.3 9.3 9.3 9.3 9.3 9.3 9.3	9.3 50.3 9.3 50.3 9.3 50.3 9.3 50.3 9.3 50.3 9.3 50.3 9.3 50.3 9.3 50.3 9.3 50.3 9.3 50.3 9.3 50.3 9.3 50.3 9.3 50.3 9.3 50.3 9.3 50.3 9.3 50.3 9.3 50.3 9.3 50.3 9.3 50.3 9.3 50.3 100.0100.0 100.0100.0 100.0100.0 100.0100.0 100.0100.0 100.0100.0 100.0100.0 100.0100.0 100.0100.0 100.0100.0 100.0100.0 100.0100.0 100.0100.0 100.0100.0 100.0100.0 100.0100.0 100.0100.0 100.0100.0 100.0100.0 100.0100.0 100.0100.0 100.0100.0 100.0100.0 100.0100.0 100.0100.0 100.0100.0 100.0100.0 100.0100.0 100.0100.0 100.0100.0 100.0100.0 100.0100.0 100.0100.0 100.0100.0 100.0100.0 100.0100.0 100.0100.0 100.0100.0 100.0100.0 100.0100.0 100.0100.0 100.0100.0 100.0100.0 100.0100.0 100.0100.0 100.0100.0 100.0100.0 100.0100.0 100.0100.0 100.0100.0 100.0100.0 100.0100.0 100.0100.0 100.0100.0 100.0100.0 100.0100.0 100.0100.0 100.0100.0 100.0100.0 100.0100.0 100.0100.0 100.0100.0 100.0100.0 100.0100.0 100.0100.0 100.0100.0 100.0100.0 100.0100.0 100.0100.0 100.0100.0 100.0100.0 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80.3 80.3 80.3 80.3 80.3 80.3 80.3 80.3 80.3 80.3 80.3 80.3 80.3 80.3 80.3 80.3 80.3 80.3 80.3 80.3 80.3 80.3 80.3 80.3 80.3 80.3 80.3 80.3 <td< td=""><td>210 26 25 24 23 27 22 215 214 21 24 25 9,4 60,3 60,3 60,3 60,3 60,3 60,3 60,3 60,3 60,3 60,3 60,3 60,3 60,3 60,3 60,3 60,3 60,3 60,3 60,3 60,3 60,3 60,3 60,3 60,3 60,3 60,3 60,3 60,3 60,3 60,3 60,3 60,3 60,3 60,3 60,3 60,3 60,3 60,3 60,3 60,3 60,3 60,3 60,3 60,3 60,3 60,3 60,3 60,3 60,3 60,3 60,3 60,3 60,3 60,3 60,3 60,3 60,3 60,3 60,3 60,3 60,3 60,3 60,3 60,3 60,3 60,3 60,3 60,3 60,3 60,3 60,3 60,3 60,3 60,3 60,3 60,3 60,3 60,3 60,3 60</td><td>\$\frac{\gamma_1}{20}\$ \text{25}\$ \text{24}\$ \text{27}\$ \text{27}\$ \text{27}\$ \text{27}\$ \text{27}\$ \text{27}\$ \text{27}\$ \text{27}\$ \text{27}\$ \text{27}\$ \text{27}\$ \text{27}\$ \text{27}\$ \text{27}\$ \text{27}\$ \text{27}\$ \text{27}\$ \text{27}\$ \text{27}\$ \text{27}\$ \text{27}\$ \text{27}\$ \text{27}\$ \text{27}\$ \text{27}\$ \text{27}\$ \text{27}\$ \text{27}\$ \text{27}\$ \text{27}\$ \text{27}\$ \text{27}\$ \text{27}\$ \text{27}\$ \text{27}\$ \text{27}\$ \text{27}\$ \text{27}\$ \text{27}\$ \text{27}\$ \text{27}\$ \text{27}\$ \text{27}\$ \text{27}\$ \text{27}\$ \text{27}\$ \text{27}\$ \text{27}\$ \text{27}\$ \text{27}\$ \text{27}\$ \text{27}\$ \text{27}\$ \text{27}\$ \text{27}\$ \text{27}\$ \text{27}\$ \text{27}\$ \text{27}\$ \text{27}\$ \text{27}\$ \text{27}\$ \text{27}\$ \text{27}\$ \q</td><td>\$\frac{\gamma_10}{\gamma_20} \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ 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\q	\$\frac{\gamma_10}{\gamma_20} \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ \gamma_20\$ 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TOTAL NUMBER OF OBSERVATIONS

USAF ETAC FORM O-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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CEILING							VIS	IBILITY ST	ATUTE MIL	ES.						
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥ 2 .	≥ 2	≥11′2	≥1'4	≥1	≥ 34	≥ ′,	≥ '.7	≥ 5 16	≥ ,	≥0
NO CEILING ≥ 20000	71.7	70.	8 ي. 4	035	81.5	61.5	81.5	81.5	B1.5	81.5	81.5	81.5	"1.5	81.5	P1.5	81.5
≥ 18000 ≥ 16000	71.7	79,3	80.4 80.4	81.5	51.5	81.5	P1.5	81.5	81.5	. •	R1.5	81.5	A1.5	81.5	81.5	81.5
≥ 14000 ≥ 12000	72.7	19.3	ਦੇ3•4 ਹੈ।•4	01.5	81.5 81.5	01.5	81.2	81.5 61.5	81.5		B1.5	81,5	81.5	81.5	81.5	81.5 81.5
≥ 10000 ≥ 9000	7107	10.3	40.4 83.4	01.5 01.5	81.5	51.5 51.5	91.5	81.5 61.5	R1.5	81.5	41.5 81.5	81.5	81.5 81.5	81.5 81.5	81.5 81.5	81.5
≥ 8000 ≥ 7000	71.7	79.3	が0.4 べつ.4	81.5 61.5	82.5	82.6	82.0		82.6	62.6		82.6	32.6		82.6	82.6
≥ 6000 ≥ 5000	11.7	80.4 89.4	41.5	32.6	13.7	63.7	83.7	83.7 83.7	83.7 83.7	63.7 63.7	83.7 83.7	83.7	83.7	83.7	83.7 83.7	83.7
≥ 4500 ≥ 4000	71.7	80.4 80.4	7	82.6	33.7	03.7	83.7 83.7	83.7 83.7	83.7	53.7 33.7	P3.7	83.7 83.7	83.7 63.7	63.7	83.7 83.7	83.7
≥ 3500 ≥ 3000	71.7	50.4	31.2	95.V	83.7	83.7	80.7 8.48	83.7	83.7	83.7	83.7 83.7	83.7	83.7 83.7	83.7 83.7	43.7 83.7	83.7
≥ 2500 ≥ 2000	74.0	87.4 61.5	4.5° 7.6°	32 .5 34 .8	83.7	85.9		83.7 85.9	85.9		83.7	83.7		83.7		83.7
≥ 1800 ≥ 1500	77.2	90.2	78.0	93.9	94.6	94.6	94.6		94.6	94.4	94.6	90.7	94.6	94.6	90.2	90.2
≥ 1200	70 • 4 7 ∪ • 4	90.2	93.5	94.4	95.7	95.7	95.7	95.7	95,7	94.7 98.9	95.7	95.7		95.7	95.7	95.7
≥ 900 ≥ 800	*****	92.4	95.7	95.7	94.9	98.9	100.0	98.9 100.0	98.9	98.9	98.9 100.0	98.9 100.0	98.9	98.9 100.0	* * * *	98.9
≥ 700 ≥ 600	10.4	97,4	95.7	96,7	95.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500 ≥ 400	90.4	92,4	95.7 95.7	96.7	95.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0
≥ 300 ≥ 200	50.4	92.4	93.7	96.7	96,9		100.0	100.0					100.0	100.0	100.0	100 • 0
≥ 100	FQ.4			96.7	98.9			100.0			100.0 100.0		100.0		100 • 0 100 • 0	

TOTAL NUMBER OF OBSERVATIONS

92

USAF ETAC 101.64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS, FORM ARE OBSCIETE

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CEILING VERSUS VISIBILITY

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

03,00-0500

CEILING							VIS	IBILITY ST	ATUTE MIL	ES						
FEET-	≥10	≥6	≥5	≥ 4	≥ 3	≥21.	≥ 2	≥1 7	≥1:,	≥1	≥ ; _a	≥5*	≥ ,	≥ 5 16	≥	≥0
NO CEILING ≥ 20000	73.1	₫ŋ . 5	8U•6	นิก.อ	80.6	60.6	BO.0	80.6	80.6	80.6	RO . 6	80.6	80.6	30.6	PD+6	80.6
≥ 18000 ≥ 16000	73.1 1.6.7	80.4 80.4	50.6 ™J•4		80.6 80.6	80 • 6 80 • 6	80.0 40.0	80.6	80.6	8(1.6	80.6	80.4	F0.6	80.6	80 • 6	80.5
≥ 14000 ≥ 12000	73.1	60.6	40.0	30.5 80.0	80 a		ະບ•6 ″∪•6	80,5	80.6			80.6 80.6	2.0 2.0 4.0 5.0 6.0 6.0 6.0 6.0 6.0 6.0 6.0 6.0 6.0 6		80.0 0.0	80.6 80.6
≥ 10000 ≥ 9000	73.1	80.5	80.6 80.6			80.6 80.6	80.0 80.6	80.6	80.6	80.6	BO . 6	80.5 80.6	P0.6	80.6	80.6	80.6
≥ 8000 ≥ 7000	73.1	87.9	80.0	63.7	90.0 93.9	80.6 93.9	PU-6	83.9	83.9	63.9	83.9	80.0	83.9	53.9	83.9	80,6 83.9
≥ 6000 ≥ 5000	73.1	63.9	43.9	47.1	87.1	86 • C	87.1	87,1	80.0	87.1	86.0 87.1	86.0	87.1	87.1	86.0	87.1
≥ 4500 ≥ 4000	73.1	83.9	83.9	67.1	A7.1	37.1	37.1	87.1	87.1	87.1	87.1 87.1	87.1	87.1 97.1	87.1 87.1	97.1	87.1
≥ 3500 ≥ 3000	73.1	83.9	83.9	87.1 37.1	87.1 87.1	67.1	8/01 8/01	87.1	87.1 87.1	87.1	37.1 87.1	87.1	77.1	87.1 87.1	87.1 87.1	87.1
≥ 2500 ≥ 2000	73.1	3 C	60.0	87.1 87.2	97.1	39.7	P7.1	87.1	87.1 89.2	87.1 6°.2	89.2	87.1	87.1	67.1 89.2	87.1 89.2	87.1
≥ 1800 ≥ 1500	21.7	92.5	94.5	97.2	* , * 9	95.7 97.8	97.8	95.7 97.8	95.7	95.7		95.7	95.7	95.7	95.7	
≥ 1200 ≥ 1000	82.8 82.0	94.6	94.0	97.8 97.8		97.8 97.8	95.9	98.9 98.9	96.9	98.9	98.9	98.9	98.9	98,9	98.9	98.9
≥ 900 ≥ 800	12.6	94,5	94.0			97.H	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0
≥ 700 ≥ 600	82.8	94.5	94.0		, , , -,	97.8	100.0			100.0	100.0	100.0	100.0	100.0		100.0
≥ 500 ≥ 400 ≥ 300	42.8	94.0	94.0		97.0	97.8	100.0	100.0	100.0	100.0	100.0		100.0	100.0	7 - 7 - 7	100.0
≥ 200	72.6	94,5	94.0	77.8	97.6	97.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	1/2.0		94.0		1						100.0					

TOTAL NUMBER OF OBSERVATIONS

73

USAF ETAC 108M DU 64 0-14-5 (OL 1) PREVIOUS E IN 1021 738 THIS FORM APE OBSIDETE

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

Sc20-0800

CEILING							VI5	IBILITY -STA	ATUTE MIL	ES						
FEET	≥10	≥6	≥ 5	≥ 4	≥3	≥2 :	≥ 2	راا≤	≥14	≥1	≥ '₄	≥ . *	≥ '>	≥ 5 16	≥ .	≥0
NO CEILING ≥ 20000	79.5	79.3	79.5	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79,3	79.3	79.3	79.3	79.3	79.3
≥ 18000 ≥ 16000	79.3	79.3	77.3	79.1	79.3	79.3	19.3	79.3 79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.	79.3
≥ 14000 ≥ 12000	14.3	79.3 79.3	79.3 74.3	79.3	79.3	79.3	79.3	79.3 79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 10000 ≥ 9000	79.3	79.3		79.3	79.3	79.3	79,3 80.4	79.3 80.4	79.3 80.4	77.3	79.3	30.4	79.3	79.3	79.3 80.4	79.3 80.4
≥ 8000 ≥ 7000	80.4 81.5	80.4	40.4 81.5	81.5	80.4 81.5	80.4 61.5	80.4 81.5	31.5	80.4	80.4 81.5	90.4 21.5	87.5	80.4 31.5	80.4 81.5	90.4 81.5	80.4 81.5
≥ 6000 ≥ 5000	2.5	82.6 87.0	92.0 97.0	82.5	82.6	67.0	92.6 97.0		82.6 87.0	_		87.0	92.6	-	4.5	i
≥ 4500 ≥ 4000	72.0	87.0	ı . • -ı	37.0	1 1		87.0		87.0			87.0 87.0	87.0 87.0		87.0	`
≥ 3500 ≥ 3000	- 2.0 - 2.0	87.0	47.0	87.0		87.0	97.0	87.0	97.0 87.0	87.0	87.0	87.0 87.0		87.0	87.0 87.0	
≥ 2500 ≥ 2000	7 · 0	87.0	, , ,	87.0		87.0	87.0	87.0		87.0	H7.0	87.0	87.0			
≥ 1800 ≥ 1500			100.0			100.0		100.0		100.0	100.0			95.7 100.0		96.7 100.0
≥ 1200 ≥ 1000	04.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900 ≥ 800	34.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700 ≥ 600	94.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0
≥ 500 ≥ 400	94.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0	100.0
≥ 300 ≥ 200	94.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100 . C
≥ 100 ≥ 0			100.0					100.0 100.0				100.0	100.0	l. " - " -		100.0

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC OUR 64 0-14-5 (OL 1) PPEVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100

CEILING							VIS	BILITY (ST	ATUTE MIL	ES:						
-FEET:	≥10	≥6	≥5	≥ 4	≥ 3	≥2";	≥ 2	≥15	≥114	≥1	≥ 1/4	≥ 2/8	≥ '7	≥ 5 16	≥ '₄	≥0
NO CEILING ≥ 20000	39.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.a	71.0	71.0	71.0	71.0	71.0
≥ 18000 ≥ 16000	69.9	71.0 71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0 71.0	71.0	71.0	71.0	71.0	71.0 71.0	71.0	71.0
≥ 14000 ≥ 12000	59.9 55.9	11.0	71.0	71.0	71.0	71.0	71.0	71.0		71.0	71.0	71.0	71.0 71.0		71.0	71.0
≥ 10000 ≥ 9000	73.1	74.2	74.2	71.0	74.2	71.0	74.2		71.0	74.2	71.0	71.0	71.0	71.0	74,2	74.2
≥ 8000 ≥ 7000	74.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3		75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 6000 ≥ 5000	77,4 20.0	81.7	78.5	78.5	78.5	78.5	91.7	81.7	78.5 91.7	81.7	78.5	81.7	78.5	61.7	81.7	81.7
≥ 4500 ≥ 4000	U.0	61.7 81.7	41.7	81.7	31.7	81.7	81.7	81.7		81.7	81.7	81.7	81.7	81.7	#1.7 #1.7	81.7
≥ 3500 ≥ 3000	"0.0 "0.0	e1.7	81.7 81.7	81.7	81.7	81.7 81.7	81.7 81.7	81.7		81.7	81.7	81.7	81.7	81.7	*1.7	81.7
≥ 2500 ≥ 2000 ≥ 1800	95.0	67.1 97.8	47.1	37.1 97.1	97.1 97.1	87.1	P7.1	81.7 87.1	87.1	81.7 87.1 97.8	81.7 87.1 97.8	81.7 87.1	87.1	81.7 87.1	81.7 87.1 97.8	87.1
≥ 1800 ≥ 1500 ≥ 1200	95.0	100.0	, , ,	100.0	100.0	100.0	100.0	100.0	100.0)	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	[ુ] ઇ • હ	100.0		100.0		100 • 0	100.0	100.0		100.0	100.0		100.0	100.0	100.0	100.0
≥ 800	اه ون جا	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		-0000		100.0	100.0	100.0
≥ 600	96.0	100.0		100.0	100.0	100.0		100.0	100.0	100.0	100.0		100.0	100.0	100.0	100.0
≥ 400	90.8	100.0	100.0	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	90.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
ءُ کُ															100.0	

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC NIL64 0-14-5 (OL 1) PREVIOUS EUTONS OF THIS FORM ARE OBSOLETE

TIPIAN MAS MARIANA 15

TATA PROCESSION - NACCH SAF ETAC AIR MEATHER SECULCEMENT

CEILING VERSUS VISIBILITY

41412

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400

CEILING							vis	BILITY (ST)	ATUTE MILI	ES:			_			
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2'√	≥ 2	≥112	≥1'4	≥1	≥ 14	≥ '*	≥ 7	≥ 5 16	5 .¹	≥0
NO CEILING ≥ 20000	∷ ე. 6	65.6	^5,6	05.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 18000 ≥ 16000	^5.0	65.6	65.0	65.6	65.0		65.6	1	65.6 55.6			65.6	65.6	65.6	65.6	65.6
≥ 14000 ≥ 12000	^>.0 ©>.0		65.6		65,6		65,6		65.6	65.6		65.6	65.6 65.6	65.6	65.6	65.6
≥ 10000 ≥ 9000	7.7	67,7	57.7	67.7	1 7 1	67.7	67.7	67.7	67.7	65.6		65.6	67.7	67.7	67.7	67.7
≥ 8000 ≥ 7000	71.0	71.0	71.0	71.0	71.0	71.0 71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0 71.0	71.0
≥ 6000 ≥ 5000	72.0	73.1	72.0	77.0	73.1	72.0 73.1	74.0	72.0 73.1	72.0	72.0	72.0	72.c	72.0	72.0 73.1	72.0 73.1	72.0 73.1
≥ 4500 ≥ 4000	72.0	73.1	7301	73.1 73.1	73.1	73.1	73.1	73.1	73.1 73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 3500 ≥ 3000 > 2500	72.0	73.1	7301	73.1 73.1 73.1	73.1	73.1 73.1	73.1	73.1 73.1 73.1	73.1	73.1	73.1	73.1 73.1	73.1	73.1	73.1	73.1 73.1
≥ 2500 ≥ 2000 ≥ 1800	70.5	77.4	79.6	79.5	73.1 79.0 95.7	79.6	79.6	79.6	73.1 79.6 95.7	73.1 79.6 95.7	73.1 79.6	73.1	79.6	73.1 79.6	73.1	73.1
≥ 1500	94.6	96.4	98.9	98.9	96.9	96.9	96.9	98.9	98.9 100.0	98.9	98.9	95.7 98.9	95.7 98.9	98.9	95.7 98.9	95.7
≥ 1000	94.6	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	94.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0		100.0		100.0	100.0	100.0	100.0
≥ 500	94.0			100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0	100.0	00.0
≥ 400	74.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	00.0	100.0	00.0
≥ 200	94.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100,0	100.0	100.0	100.0	100.0	100 0	100.0	100.0
2 0	94.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	00.0

TOTAL NUMBER OF OBSERVATIONS

93

USAF ETAC TOTAL 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

TATA PROCESSING MANCH USAF ETAC TIR REATHER SERVICEZUMC

CEILING VERSUS VISIBILITY

41413

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1220-1700

CEILING							VIS	BILITY ST	ATUTE MIL	ES)						
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2:	≥ 2	≥1.5	≥114	≥1	≥ 14	≥ 5-8	≥ '7	≥ 5 16	≥ '4	≥0
NO CEILING ≥ 20000	62.4	64,5	54.5	04.9	54.5	64,5	44.5	04.5	64.5	04.5	64.5	64.5	64.5	64.5	54.5	64.5
≥ 18000 ≥ 16000	62.4	04.5	44.5	04.5	64.5	64.5	64.5		64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 14000 ≥ 12000	52.4	64.5	14.5	64.5	64.5	64.5	64.5	64.5		64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 10000 ≥ 9000	~4.>	64.5	60.7	04.3	66.7	64.5	64.5	64.5	64.5	64.5	54.5	66.7	64.5	64.5		64.5
≥ 8000 ≥ 7000	A9.9	73.1	73.1	73.1	73.1	73.1 73.1	73.1	73,1	73.1	73.1	73.1	73.1 73.1	73.1	73.1	73.1	73.1
≥ 6000 ≥ 5000	79.9 59.9	77.1	73.1	73.1	73.1	73.1	73.1	73.1 73.1	73.1	73.1	73.1	73.1	73.1 73.1	73.1 73.1	73.1	73.1
≥ 4500 ≥ 4000	59.9 69.9	73.1	73.1	73.1	73.1	73.1	73.1	73.1 73.1	73.1	73.1	73.1 73.1	73.1 73.1	73.1 73.1	73.1	73.1 73.1	73.1 73.1
≥ 3500 ≥ 3000	69.9	73.1	73.1	73.1 73.1	73.1	73.1 73.1	73.1	73.1 73.1	73.1	73.1	73.1	73.1	73.1 73.1	73.1	73.1 73.1	73.1
≥ 2500 ≥ 2000	71.0	74.2	74.2	74.2 80.6	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 1800 ≥ 1500	58.2	94.5	94.6	94.6	94.6	94.6		94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94,6
≥ 1200 ≥ 1000	ल 8.2 ३७.४	96.8 96.8	97.8	97.1	97.8	97.8	98.9	98,9	98.9	94.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 900 ≥ 800	F8.2	96.8 97.8	97.0	97.1	97.8	97.8	98.9	98.9	98.9	98.9	78.9	98.9	98,9	98.9	98.9	98.9
≥ 700 ≥ 600	58.2 88.2	97.8	90.9	98,9	98.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0	100.0
≥ 500 ≥ 400	ਸ8.2	97.8	98.9	98.9	78.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300 ≥ 200	2.63	97.8	98.9	98.9	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	88.2	97,8	93.9	98.9	78.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100+0	100.0	100.0
≥ 0	88.2	97,8	98.9	98,9	98,9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100+0	100.0

TOTAL NUMBER OF OBSERVATIONS

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USAF ETAC 101.64 0-14-5 (OL 1) PREVIOUS ELECTRIC OF THE FORM ARE OBSOLEDE

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1490-2000

CEILING							VIS	BILITY ST	ATUTE MILI	ES:						
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥25	≥ 2	≥1'2	≥1'₄	≥1	≥ ¼	≥ %	≥ '7	≥ 5 16	≥ .	≥0
NO CEILING ≥ 20000	و. د٬	75.3	75.3	75. 1	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 18000 ≥ 16000	73.3	75.3	75,3 75,3	75.3 75.3	75.3 75.3	75.3 75.3	75.3 75.3	75.3 75.3	75.3	75.3	75.3 75.3	75.3 75.3	75.3	75.3 75.3	75.3 75.3	75.3
≥ 14000 ≥ 12000	75.3 75.3	75.3 75.3	75.3 75.3	75.3	75.3	75.3 75.3	75.3	75.3 75.3	75.3 75.3	75.3 75.3	75.3 75.3	75.3 75.3	75.3 75.3	75.3 75.3	75.3 75.3	75.3 75.3
≥ 10000 ≥ 9000	75. s 77.4	75.3	75.3 77.4	75.3	75.3 77.4	75.3	75.4	75.3 77.4	75.3 77.4	75.3 77.4	75.3 77.4	75.3	75.3	75.3 77.4	75.3	75.3 77.4
≥ 8000 ≥ 7000	80.0	86.0	86.0 30.0	86.0	96.0	66.0 66.0	80.U	86.0 86.0	80.0 86.0		86.0		86.0 86.0	86.0	86.0	86.0 86.0
≥ 6000 ≥ 5000	*(.0 *0.0	86.0		86.0 86.0		86.0 86.0	86.0		86.0 86.0		86.0	86.0	86.0	86.0 86.0	86.0	86.0
≥ 4500 ≥ 4000	#0.0	86.0	HC . U	86.0			86.0						86.0 86.0	86.0 86.0	86.0 86.0	86.0
≥ 3500 ≥ 3000	ີ່ຍ•0 ∂5•9	86.0 86.0		86.0		86.0	86.0	86.0	36.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 2500 ≥ 2000	57.1 71.4	92.5	97.1	87.1 92.5	87.1 92.5	92.5							92.5	97.1	92.5	97.1 92.5
≥ 1800 ≥ 1500	97.0			95.7 100.0	95.7 100.0		100.0	95.7 100.0 100.0					95.7 100.0		95.7	
≥ 1200 ≥ 1000 ≥ 900	97.0	98,9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0 100.0	100.0	100.0	100.0	100.0
≥ 800	97.8	92,9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0 100.0	100.0		100.0
≥ 600	97.8	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0
≥ 400 ≥ 300	97.8	92.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	97.0	98,9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2 0	97.6				100.0			100.0								00.0

TOTAL NUMBER OF OBSERVATIONS

93

USAF ETAC FORM 101 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

TATA PROCESSING MARGO ISAF ETAC BIR DEATHER SERVICE/MAG

CEILING VERSUS VISIBILITY

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300

CEILING							VIS	IBILITY IST	ATUTE MIL	ESı						
FEET.	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2,2	≥ 2	≥112	≥1'₄	≥1	≥ 1,4	≥ >,a	≥ '7	≥ 5 16	5.1	≥0
NO CEILING ≥ 20000	59.9		75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75,3	75.3	75.3
≥ 18000 ≥ 16000	() . () . () .	75.3	75.3 75.3	75.3	75.3 75.3	75.3 75.3	75.3 75.3	75.3	75.3 75.3	75,3 74.3	75.3 75.3	75.3 75.3	75.3	75.3 75.3	75.3 75.3	75.3 75.3
≥ 14000 ≥ 12000	69.9	75.3 75.3	75.3 75.3	75.3 75.3	75.3	75.3	75.3 75.3	75.3 75.3	75.3	75.3 75.3	75.3	75.3		75.3 75.3	75.3 75.3	75.3 75.3
≥ 10000 ≥ 9000	77 9 19 9	75.3	75.3 76.3	75.3 76.3	75.3 76.3	75.3	75.3	75.3 75.3	75.3	75.3 76.3	75.3	75.3		75.3 76.3	75.3	75.3 76.3
≥ 8000 ≥ 7000	74.2	51.7 81.7	A1.7	81.7	81.7	81.7	91.7 81.7	81.7	81.7 81.7	81.7	A1.7	81.7	81.7	81.7	81.7	81.7
≥ 6000 ≥ 5000	74.2	7 7 .1	£1.7	81.7	81.7	81.7	71.7	81.7	81.7	61.7	P1.7	81.7	A1.7	81.7	81.7	81.7
≥ 4500 ≥ 4000	74.2	81.7	81.7	31.7	81.7	81.7	51.7 61.7	81.7	81.7 81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 3500 ≥ 3000	74.2	81.7 81.7	81.7	81.7	81.7	81.7	81.7 81.7	81.7	81.7	81.7	81.7 81.7	81.7		81.7 81.7	81.7	81.7
≥ 2500 ≥ 2000	74.2	81.7	81.7 56.0	81.7	81.7	86.0	86.0	81.7 86.0	81.7	81.7 86.0	81.7	81.7	81.7 86.0	81.7	81.7 86.0	81.7
≥ 1800 ≥ 1500	3.9	93.5 100.0	93•5 100•0	93.5 100.0	93.5 100.0	* * -	93.5	93.5 100.0				93.5			93.5 100.0	
≥ 1200 ≥ 1000	73.9 73.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900 ≥ 800	3.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.d	100.0	100.0	100.0	100.0	100.0
≥ 700 ≥ 600	3.9	100.0	100.0	100.0	100.0	100.0	100.0	100,0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500 ≥ 400	P 3. 9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300 ≥ 200	43.9	100.0 100.0	100.0	100.0	100.0	100.0 100.0	100.0	100.0	100.0	100.0 100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100 ≥ 0	23,9	10C.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

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USAF ETAC FORM 101.64 0-14-5 (OL 1) PREVIOUS ET TO US OF THIS FORM ARE OBSOLETE

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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CEILING							VIS	BILITY (ST	ATUTE MIL	ES:			_			
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2'/	≥ 2	≥1%	≥1'₁	≥1	≥ ½	≥ >*	≥ '2	≥ 5 16	≥ '.	≥0
NO CEILING ≥ 20000	77.4	80.5	MU . G	60.8	AU. 0	30.6	³ .0∙6	80.6	80.6	80.6	[∏] 0•6	80.6	80.6	80.6	5C+6	80.6
≥ 18000 ≥ 16000	77.4	20.6	80.0	30.5 80.5	80.6	80.6 80.6	NU.6		80.6			80.5	80.6		80.6	
≥ 14000 ≥ 12000	77.4	80.5 80.5	40.0	30.4 80.6	30.6 30.6	0.06 0.08	⁸ ∪.6		80.6 80.6			80.6 80.5	80.6 80.6		90.5 90.6	- 1
≥ 10000 ≥ 9000	77.4		#O•0 80•0	30.6	80.6	80.6 80.6	90.6	80.6	80.6	80.6	80.6	80.6		80.5	#0.6	80.6
≥ 8000 ≥ 7000	91.7 21.7	85.0 86.0	86.0 86.0	86.0		86.0 86.0	96.0	86.0	86.0	86.0	86.0		86.0	86.0	36+0 86+0	86.0 86.0
≥ 6000 ≥ 5000	41.7 41.7	86.0	50.0 50.0	86.0 86.0	86.0	86.0	86.0	36.0	86.0 85.0	86.0	86.0			86.0	86.0	86.0
≥ 4500 ≥ 4000	1.7	86.0	85.0	86.0	86.0	86.0 86.0		36.0	86.0 86.0	86.0	86.0	86.0		86.0	86.0 86.0	86.0
≥ 3500 ≥ 3000	1.7 91.7	86.0	86.0	86.0 86.0	86.0	86.0	86.0	86.0	86.0	85.0	86.0	86.0		86.0	86.0	
≥ 2500 ≥ 2000	K1.7	85.0 88.2	96.0 96.2	86,7	88.2	85.0		86.0	86.0	88,2	88.2	86.0	86.0	86.C 88.2	0.08 5.88	88,2
≥ 1800 ≥ 1500	19.2	93.9	100.0	93.5	100.0	100.0	100.0	100,0	100.0	100.0	100.0	100.0	100.0	100.0	93.5	100.0
≥ 1200	19.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0 100.0	100.0	100.0	100.C	100.0	100.0
≥ 900 ≥ 800	19.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700 ≥ 600	59,2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500 ≥ 400 ≥ 300	29.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	¥9.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	- 1			•							100.0				1	1

TOTAL NUMBER OF OBSERVATIONS

93

USAF ETAC JUL 64 0-14-5 (OL 1) PREVIOUS EFFICIENT OF THIS FORM ARE OBSOLETE

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

C4002+050C

CEILING							VIS	ABILITY (ST.	ATUTE MIL	ES:					_	
(FEET)	≥10	≥6	≥ 5	≥ 4	≥ 3	≥ 2 1 2	≥ 2	≥1'5	≥11/4	≥1	≥ 1/4	≥ >/a	≥ /2	≥ 5 16	5,1	≥0
NO CEILING ≥ 20000	4.4	90.3	90.3	90.3	90.3	¥0.3	70.3	90.3	90.3	90.3	90.3	90.3	70.3	90.3	90.3	90.3
≥ 18000 ≥ 16000	19.4	90.3	90.3	90.3 90.4	90.3	90.3	90.3	90.3 90.3	90.3		90.3	90.3	90.3			90.3
≥ 14000 ≥ 12000	*9.2	90.3 90.3	90.3	90.3	90.3	90.3	90.3	90.3 90.3	90.3	90.3 90.3	90.3	90.3	90.3	90.3	9003 609	90.3
≥ 10000 ≥ 9000	59.2	90.3	90 • 3 90 • 3	90.3	90.3	90.3 90.3	90.3	90.3 90.3	90.3	90.3	90.3	90.3 90.3	90.3	90.3		90.3
≥ 8000 ≥ 7000	90.3 90.3	91.4	91.4 91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4		91.4
≥ 6000 ≥ 5000	و ون ^ي و ون ^ي	91.4	91.4 91.4	91.4	91.4	91.4		91.4	91.4	91.4	91.4	1	91.4	91.4		91.4
≥ 4500 ≥ 4000	40.3	91.4	91.4 91.4	91.4 91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4				91.4
≥ 3500 ≥ 3000	°0•\$	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	9].4	91.4	91.4	91.4
≥ 2500 ≥ 2000	90.3	91.4	91.4 91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	71.4	91.4	91.4	91.4	91.4	91.4
≥ 1800 ≥ 1500	92.5	90.9	90.9	98.0	90.9	98.9	96.9	98.9	98.9	94.9	90.9	98.9	98.9	93.9	98.9	98.9
≥ 1200 ≥ 1000	92.5	94.9	98.9	99.7	95.9	100.0	100.0	98.9 100.0	100.0	100.0	100.0	100.0	98.9 100.0	100.0	100.0	98.9
≥ 900 ≥ 800	72.5 72.5	98,9	94.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700 ≥ 600	92.5 92.5	98,9	96.9	98.7	100.0	100 • C	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100 · 0 100 • 0	100.0
≥ 500 ≥ 400	72.5 72.5	94.9	2 C C C	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300 ≥ 200	92,5	98.9	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100 • C 100 • C	100.0
≥ 100 ≥ 0	92.5	98.9 98.9													100.0 100.0	

TOTAL NUMBER OF OBSERVATIONS

93

USAF ETAC 101 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM APE OBSOLETE

ATA PROCESSION MANICH USAN ETAC NIR NEATHER SENTICENTAC

CEILING VERSUS VISIBILITY

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AL ALLA CONTROL CAN MILLIA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	IBILITY (ST.	ATUTE MIL	ES						
FEE1	≥10	≥6	≥ 5	≥ 4	≥ 3	≥ 2 ° ,	≥ 2	≥1';	≥1 .	≥ì	≥ 34	5 ,4	≥ '7	≥5 16	≥ .	≥0
NO CEILING ≥ 20000	4.9	37.1	87.1	87.1	87.1	07.1	87.1	27.1	87.1	87.1	47.1	37.1	A7.1	87.1	e7.1	87.1
≥ 18000 ≥ 16000	84.9 84.9	67.1 87.1	7.1	87.1	87.1 67.1		87.1	87.1	87.1 87.1	67.1 67.1	87.1	87.1 87.1	87.1 87.1	87.1 87.1	27•1 27•1	87.1 87.1
≥ 14000 ≥ 12000	4.9	87.1 57.1	47.1 37.1	87.1 67.1	87.1 87.1	87.1	87.1	87.1	87.1 87.1	87.1 87.1	67.1	87.1 87.1	87.1	87.1 87.1	87.1 87.1	87.1
≥ 10000 ≥ 9000	74.7	87.1 87.1	41.7	37.1	A7.1	87.1 87.1	97.1 97.1	87.1 87.1	97•1 97•1	87.1 87.1	77.1	87.1	87.1 87.1	87.1 87.1	87.1 87.1	87.1 87.1
≥ 8000 ≥ 7000	47.7	80.2	89.2	99.5	89.2	89.2		89.2	89.2 89.2	89.2 89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 6000 ≥ 5000	7.1 7.1	87.2 69.2	7.6x	83.5	89.2	89.2	89.2	89.2	9 9 9 9	89.2	89.2	89.2	89.2	89.2		89.2
≥ 4500 ≥ 4000	"7.1	89.2 89.2	89.2	39.2 89.2	89.2	89.2	89.2	89.2	89.2 89.2	89.2	89.2	69.2	89.2	89.2	89.2 89.2	89.2 89.2
≥ 3500 ≥ 3000	57.1 17.1	89.2	83.7	89.7	89.2	89.2	39.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2 89.2	89.2	89.2
≥ 2500 ≥ 2000	90.3	92.2	35.7 50.7	39.7 92.5	92.5	92.5	92.5	92.5		92.5	89.2 92.5	92.5	92.5	92.5		89.2 92.5
≥ 1800 ≥ 1500	5 4 • O	94.1	96.6	93.5			96.8	96.8	95.8	96.8	96.6		93.5		96.8	93.5
≥ 1200 ≥ 1000	74.0	96.4 96.8	93.9		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0	
≥ 900 ≥ 800	94.0	96.3	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100+0	100.0	100.0	100.0
≥ 700 ≥ 600	74.0	96,8	98.9	98.9	100.0	100.0		100.0	100.0	100.0	100.0	100.0		100.0	100.0	100.0
≥ 500 ≥ 400	94.6	95.4	98.9 98.9	98.9	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0 100.0	100.0
≥ 300 ≥ 200	94.0	96.8	96.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.C	100.0	100.0
≥ 100 ≥ 0	94.9	96.8													100.0	

TOTAL NUMBER OF OBSERVATIONS

93

USAF ETAC FORM 0.14-5 (OL 1) PRESIGN E 1 TO THE THE ARE DRIVETE

TATA PROCESSION HANCH SAR ETAR AIR MEATHER SEMVICETMAC

CEILING VERSUS VISIBILITY

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TIME MOTATA ANTANA IS

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0800-Y100

CEILING							VIS	BILITY ST	ATUTE MIL	ES:			_		_	
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2'.	≥ 2	≥1:	≥1'₄	≥1	≥ ₁,₁	≥ ∖,	≥ ;	≥5 16 .	≥ '	≥ 0
NO CEILING ≥ 20000	73.1	7 , 1	75.1	73.1	13.1	73.1	73,1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 18000 ≥ 16000	73.1 73.1	73.1 73.1	73.1 73.1	73.1	73.1	-	73.1	73.1	73.1		73.1 73.1			73,1 73,1	73.1 73.1	73.1 73.1
≥ 14000 ≥ 12000	13.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	,	73.1 73.1			73.1	73.1 73.1	73.1 73.1
≥ 10000 ≥ 9000	73.1	73.1	73.1	73.1	73.1 73.1	73.1		73.1	73.1	73.1	73.1 73.1	73.1 73.1	73.1	73.1 73.1	73.1	73.1
≥ 8000 ≥ 7000	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1 73.1		73.1 73.1		73.1	73.1	73.1 73.1	73.1
≥ 6000 ≥ 5000	73.1	73.1	73.1 73.1	73.1 73.1	73.1	73.1	73.1	73.1 73.1	73.1	73.1	73.1 73.1		73.1 73.1	73.1	73.1	73.1
≥ 4500 ≥ 4000	73.1	73.1	73.1	73.1	73.1	13.1	73.1	73.1	73.1 73.1		73.1 73.1	73.1	73.1	73.1	73.1	73.1
≥ 3500 ≥ 3000	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1		73.1	73.1		73.1	73.1	73.1
≥ 2500 ≥ 2000	73.1	77.1	73.1	73.1	73.1	77.4		73.1	73.1		73.1	73.1	73.1	73.1 77.4		73.1
≥ 1800 ≥ 1500	74.7	92.5	92.5	92.5	84.9	84.9 92.5	92.5									84.9
≥ 1200 ≥ 1000	65.5 2.5	93.5	94.5 94.9		, ,					94.6					94.6	- 1
≥ 900 ≥ 800	93.5	97.3													100.0	
≥ 700 ≥ 600	93.5 93.5		93.9	100.5 100.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.c	100.0	100.0
≥ 500 ≥ 400	63.2		33.9	1.00.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300 ≥ 200	93.5 93.5	97.8 97.8													100.0 100.0	
≥ 100 ≥ 0	93.5	97.8 97.8	911.9	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS

43

USAF ETAC FORM IN 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE ORNOLLIE

PATA PROCESSING PRANCH PSAF FTAC BIR FEATTER REPORTER/PAC

CEILING VERSUS VISIBILITY

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1400-1400

CEILING							VIS	IBILITY -ST.	ATUTE MIL	ES-			-			
FEET	≥ 10	≥6	≥5	≥ 4	≥ 3	≥2 7	≥ 2	≥1.	≥1.	21	≥ '₄	≥ '*	≥ .	≥5 16	٠	21
NO CEILING ≥ 20000		64.5	64.5	64.5	64.5	04.5	64.5	64.5	64.5	64,5	54.5	64.5	54,5	64.5	64.5	64.5
≥ 18000 ≥ 16000	114.5	54.5	64.5	04.5 04.5	64.5			04.5	64.5		64.5	64.5	64.5	64.5	64.5	64.5
≥ 14000 ≥ 12000	4.5	54.5	54.5	64.5	54.5	04.5 54.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	54.5	64.5
≥ 10000 ≥ 9000	4.5	04.5	64.5	04.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	04.5	64.5		64.5	64.5
≥ 8000 ≥ 7000	63.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7 67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 6000 ≥ 5000	65.5	67.7	57.7 57.7	57.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	47.7 57.7	67.7
≥ 4500 ≥ 4000	0.60 0.60	67.7	67.7	67.7	67.7	67.7 67.7	67.7 67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7 47.7	67.7
≥ 3500 ≥ 3000 ≥ 2500	^5.0	67.7	67.7	07.7	67.7	67.7		67.7	67.7	67.7	67.7	67.7 67.7	67.7	67.7	67.7	67.7
≥ 2000 ≥ 2000 ≥ 1800	74.2	77.4		77.4	77.4		77.4	77.4 86.0	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 1500	7104	96.5	94.0	94.6		94.6		3 1		94.6	94.6		96.8		94.6	94.6
≥ 1000	71.4 71.4	90.0	90.8	96.2 96.2	96.8	96.8	96.8	96 8	96.8	94.8	96.8	96.8	96.8	94.8	96.6	96.R
≥ 800	91.4	97.8	97.8							97.9	97.8	97.8	97.8	97.8	97.8	97.5
≥ 500	01.4	94.9			98.9										98.9	98.9
≥ 400 ≥ 300	71.4	-		प्रमुख	100.0	100.0	100.0	100,0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	71.4	94.9	97.9	78.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.C	100.0	00.0
≥ 0	91.4	94,9	90.9	39,3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100 · C	100 · C

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC 0145 OL1 PROJUGO CONTROL OF AND CONTROL

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1250-1700

CEILING							VIS	BILITY ST.	ATUTE MILI	ES		-				
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2 ;	≥ 2	≥1%	≥1	≥1	≥ ′₁	≥ ,	≥ ,	≥ 5 16	≥ .	≥ (,
NO CEILING ≥ 20000	1.7.1	o° •3	60.6	03.8	68.8	6 ه ف	66.6	69.8	60.0	۶ م د	68.8	68.B	68.8	5ª.8	60.0	68.9
≥ 18000 ≥ 16000	7.7	9 9 9 9	ΛΗ , Β Λο , Β	ნ მც შემც	65.8 65.8	6 P . B		68.8 58.8	58.8 58.8	64.8		68.3 63.3	68.8	68 . 8 68 . 8	68.8	68.8 68.8
≥ 14000 ≥ 12000	57.7	ភូសិ•្ស ភូសិ•្ស	58.8 Na.8	ეჩ.ჩ ცჩ.გ	66.8 68.8	6A.B	66.8	68,8 68,8	58.8 68.8	0 P . B	68.8	68.º	68.8	69.8	48.5 68.5	68.8
≥ 10000	57.7	6/•8 69•9	50.0	69.4 69.9	68.8 59.9	69.9	69.9	68.8 69.9	69.9	69.9	69.9	69.9	69.9	υ ⁸ •8	69.9	68.9
≥ 8000 ≥ 7000	7.7	71,0	71.0	71.1	71.0	71.0	73.1	71.0 73.1	71.0	71.0 73.1	71.0 73.1	71.0 73.1	71.0	71.0 73.1	71.0 73.1	71.0 73.1
≥ 6000 ≥ 5000	49.9 4 j. y	73.1 73.1	73.1 73.1	73.1 73.1	73.1 73.1	73.1	73.1	73.1 73.1	73.1 73.1	73.1	73.1 73.1	73.1	73.1	73.1 73.1	73.1	73.1 73.1
≥ 4500 ≥ 4000	89.9	73.1	73.1	73.1	73.1 73.1	73 • 1 73 • 1	73.1	73.1	73.1 73.1	73.1 73.1	73.1	73.1 73.1	73.1	73.1	73.1	73.1 73.1
≥ 3500 ≥ 3000	59.9	73.1	7301	73.1	73.1 73.1	73.1	73.1	73.1 73.1	73.1	73.1 73.1	73.1 73.1	73.1 73.1	73.1 73.1	73.1 73.1	73.1	73.1 73.1
≥ 2500 ≥ 2000	74.4	77.4	73.4	73.1	73.1	77.4	73.1	77.4	73.1	73.1 77.4	73.1	73.1	73.1 77.4	73.1 77.4	73.1	73.1
≥ 1800 ≥ 1500	12.4	87,1 95.7	87.1 95.7	87.1 95.7	37.1 95.7	87 • 1 95 • 7	87.1 95.7	95.7	95.7	87.1 95.7	87.1 95.7	87.1 95.7	95.7	87.1 95.7	57.1 95.7	87.1 95.7
≥ 1200 ≥ 1000	73.5	95.7	95.7	95.7	95.7	95.7	95.7		95.7		98.9		95.7 98.9		98.9	95.7
≥ 900 ≥ 800	23.3 6.69	94.9		98.9 98.9	98.9	98.9			98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 700 ≥ 600	و,ود	ton.o	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0 100.0	100 C	100.0	100.c	100.0	100.0
≥ 500 ≥ 400	73.2	100,0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300 ≥ 200	93.5	Luc.n	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	00.0
≥ 100 ≥ 0															100.0	

TOTAL NUMBER OF OBSERVATIONS

93

USAF ETAC FORM HE 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

TATA PROCESSING SKAMON SAF ETAK SIR SEATMER SERVICESSOC

CEILING VERSUS VISIBILITY

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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CEILING	,						VIS	IBILITY ST	ATUTE MIL	ES:						
-FEET-	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2 :	≥ 2	≥1.	≥1'₁	≥1	≥ '4	≥ %	≥ :7	≥ 5 16	≥ '4	≥0
NO CEILING ≥ 20000	75.6	70.6	79 • 5	79.4	79.0	79.0	79.6	79.6	74.6	77.6	79.6	79.6	79.6	79.6	79.6	79.
≥ 18000 ≥ 16000	79.0	70.0	79.0	79.5	79.0		79.6	79.0	79.6	79.6	79.6		79.6	79.6	79.0	79.
≥ 14000 ≥ 12000	79.6	79.0	77.0	79.6	79.0		79.6	79.0	79.6	79.0	79.6	79.6	79.6	79.5	79.0	79.
≥ 10000	79.5	79.6	79.0	79.6	79.0	79.6	79.6	79.6	79.6	79.6	79.6		79.6	79.6	79.5	79,
≥ 9000	10.0	о́0.3 й₹.9	د، و (A	` _	93.9	63.9	80.6		83.9			87.7	80.6	83.9		
≥ 7000 ≥ 6000	23.9 23.9	83.9	83.9	83.0	83.9 83.9	63.9	83.9	83.9	83.9	84.9	83.9	83.7	83.9 H3.9	81.9	н3.9	83.
≥ 5000	13.9	83,9	83.9	83.9	93.9	63.9	R 3 . 4	83.9	R3.9	63.9	83.9	83.9	83.9	83.9	83.9	83.
≥ 4500 ≥ 4000	2 3 . 9 2 . 9 . 9	63.9	73.7 53.7	83.9	83.9	03.9	83.9 83.9	83.9 83.9	83.9			83.9 83.9	83.9	83.9		
≥ 3500 ≥ 3000	9 و م 9 و د	63.9	93.9 €.ز8	33.9 33.9	83.9	83.9 83.9	83.9	83.9	83.9 83.9			83.9	83.9	63.9 83.9	83.9 83.9	
≥ 2500 ≥ 2000	13.9	67.1	83.9	33.0	83.9 87.1	83.9	83.9	33.9	87.1			83.7	83.9	83.9 87.1	83.9	
≥ 1800 ≥ 1500	19.2		89.2 95.7	39.2	89.2	99.2	89.2	89.2	89.2 95.7	85.2	89.2	89.2	89.2	89.2 95.7	89.2	89.
≥ 1200	95.0	98.9	100.0	100.0	100.0	100.0	100.0		100.0	107.0	100.0	100.0	95.7	100.0	100.0	
≥ 1000	90.8		100.0		100.0			100.0			100.0		100.0		100.0	
≥ 800 ≥ 700	76.0										100.0		100.0		100.0	
≥ 600	95.8	35.9	100.0	100.0	100.0	160.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100 · C	100.0	100
≥ 500 ≥ 400	90.0	98,9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100
≥ 300 ≥ 200	96.8	98,9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0 100.0	100.0	100.0	100.0	100.0	100,
≥ 100 ≥ 0	96.0		100.0								100.0					

TOTAL NUMBER OF OBSERVATIONS

23

USAF ETAC FORM OLI 64 0-14-5 (OL 1) PREVIOUS EDIT 51-5 OF THIS FORM ARE OBSORETE

PATA PRECESSION SKANCH SSAF ETAT SIR REATING NEWVICEVING

CEILING VERSUS VISIBILITY

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300

CEILING	,				_		VIS	BILITY (ST	ATUTE MIL	ES:						
FEET	≥10	≥6	≥ 5	≥ 4	≥3	≥2'7	≥ 2	≥1'2	≥1'4	≥1	2 4	≥ 5/8	≥ 7	≥ 5 16	≥ '4	≥0
NO CEILING ≥ 20000	57.1	89.2	80.2	88.2	A & . 2	64.2	88.2	84.2	88,2	80.2	88.2	88.2	84.2	∂0 <u>.</u> 2	4 y . 2	88.2
≥ 18000 ≥ 16000	57.1	88.2	,		80.2		88.2		88.2	88.2 88.2	98.2 88.2	88.2 88.2	88.2 88.2	88.2	88.2 88.2	88.2 88.2
≥ 14000 ≥ 12000	37.1 57.1	88.2 88.2	80.2	88.2 88.2	98.2		88.2 86.2	88.2	86.2	88.2	88.2		88.2 88.2	88.2 88.2	88.2 88.2	88.2 88.2
≥ 10000 ≥ 9000	27.1 27.1	68.2 68.2	84.2	88.2 88.2	88.2		89.2	88,2	88.2	88.2		88.2 85.2	88.2 88.2	88.2 88.2	88.2 88.2	88.2 88.2
≥ 8000 ≥ 7000	27.1	88.2	88.2	88.7 89.7	88.2		88.2 88.2	88.2	88.2 88.2	85.2	88.2	88.7	88.2 88.2		88.2 88.2	88.2 88.2
≥ 6000 ≥ 5000	47.1 77.1	68.2 69.2	48.4	88.2 88.2	88.2	68.2	88.2	88.2	86.2	88.2 88.2	88.2	88.2 88.2	88.2 88.2		88.2	88.2 88.2
≥ 4500 ≥ 4000	1.7.1	88.2	50.2	88.2	88.2	88 • 2 88 • 2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	68.2
≥ 3500 ≥ 3000	37.1 57.1	88.2	88.2	88.2	88.4	88.2	88.2	88,2	88.2	88.2 88.2	88.2	88.2	58,2	89.2	88.2	88.2
≥ 2500 ≥ 2000	87.1 91.4		94.0	98.2 92.5	92.3	98.2 92.5		92.5		92.5 95.7	92.5		92.5			
≥ 1800 ≥ 1500 ≥ 1200	2.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.7	95.7 100.0
≥ 1000	32.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700 ≥ 700	45.7	100.0	100.0	100,0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	92.5	100.0	100.0	100.0	100.0	100.0	100,0	100.0	100.0	100.0	100.0	100.0	100.0	100.C	100.0	100.0
≥ 400	92.5	100.0	100.0	100.0	100.0	10C.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	92,5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	92.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100 C	100.0	100 · C

TOTAL NUMBER OF OBSERVATIONS

93

USAF ETAC FORM DUL64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200

CEILING			,	-			VISI	BILITY STA	ATUTE MILI	ES						
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2.	≥ 2	≥1″2	≥1'4	≥1	≥ ½	≥ %8	≥ '7	≥ 5 16	٤.	≥0
NO CEILING ≥ 20000	10.5	11.9	71.9	/1.7	71.9	71.9	71.9	71,9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 18000 ≥ 16000	10.0	71.9	71.9 71.9	71.9 71.9	71.9	71.9 71.0	71.9	71.9 71.9	71.9	71.9	71.9 71.9	71.9	71.9	71.9 71.9	71.9	71.9
≥ 14000 ≥ 12000	70.5	71.9	71.9	71.7	71.9	71.9	71.9	71.9 71.9	71.9 71.9	71.9	71.9 71.9	71.9	71.9	71.9 71.9	71.9	71.9 71.9
≥ †0000 ≥ 9000	70.5	71.9	71.9	71.9 73.0	71.9	71.5	71.9	71.9	71.9	71.9 73.0	71.9 73.0	71.9 73.0	71.9	71.9 73.0	71.9	71.9 73.0
≥ 8000 ≥ 7000	77.5	7º .7	78.7	78.7 80.9	70.7	78.7 80.9	70.7 PU.9	74,7	78.7	78.7	78.7	78.7	78.7 80.9	78.7 80.9	78.7 86.9	78.7 80.9
≥ 6000 ≥ 5000	77.5	10.9	80.9 80.9	80.9	80.9 80.9	80.9	80.9	30.9 30.9	80.9	80.9	80.9 80.9	80.9	30.9	80.9	80.9	80.9
≥ 4500 ≥ 4000	77.5	80.9 80.9	80.9 80.9	80.9	80.9		≥0.9	80.9	80.9 80.9	0C.9	80.9 80.9	80.9	80.9 PO.9	80.9	80.9	80.9
≥ 3500 ≥ 3000	77.5	80.9	80.9 80.9	80.7	80.9		80.9	80.9 80.9	80.9		80.9	80.9	PO.9	8C.9	80.9 90.9	80.9
≥ 2500 ≥ 2000	77.5	80.9 80.9	80.9 80.9	80.7	80.9	40.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 1800 ≥ 1500	27.0 27.0	97.8	92.1 97.8	92.1	98.6 92.1	92.1	92.1	88.8 92.1	88.8 92.1 97.8	88.8 92.1 97.8	88.8 92.1 97.8	88.8 92.1 97.8	88 • 8 92 • 1 97 • 8	88.8 92.1 97.8	88 • 8 92 • 1 97 • 8	92.1 97.8
≥ 1200 ≥ 1000 ≥ 900	1.0 21.0	98.9	98.9	98.9	96.9	98.9	98.9	98.9	98.9	94.9	98.9	98.9	98.9	98.9	96.9	98.9
≥ 800 ≥ 700	92.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	- F -	100.0	100.0	100.C		100.0
≥ 600	92.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0	100.0
≥ 400	42.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	72.1	100,0	100.0	100.0	100.0	100.0	100.0	100,0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0											100.0					

TOTAL NUMBER OF OBSERVATIONS

40

USAF ETAC FORM 101 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CATA PROLESSING FOR

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DATA PROCESSING BRANCH SAF ETAC AIR WEAT ER SPRVICEZOAG

CEILING VERSUS VISIBILITY

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	IBILITY (ST	ATUTE MIL	ESı						
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2.7	≥ 2	≥112	≥1%	≥1	≥ \\a	≥ %	≥ ′2	≥ 5 16	≥ '.,	≥0
NO CEILING ≥ 20000	70.7	77.R	77.8	77.3	77.8	77.8	77.8	77.8	77.8	77.8	77.6	77• ⁸	77.8	77.8	77.8	77.8
≥ 18000 ≥ 16000	75.7	77 • ⁵	77.8	77. °	77.6	77.5	77.8		77.8 77.8		77,8 77,8	77.8 77.6	77.8	, , ,	77.6	77.8
≥ 14000 ≥ 12000	75.7	77.8	77.8	77.3	77.6	77.8	77.8	77.8	77.8	77.8	77.8	77.8 77.9	77.8 77.8	77.8 77.8	77.E	77.8
≥ 10000 ≥ 9000	10.7	77.8	77.6	77. ⁴	77.8	77.8	77.8	77 . F	77.8	77.8	77.8	77.8 77.9	77.8 77.8	77.8	77.8	77.8
≥ 8000 ≥ 7000	77.0 77.0	78.9	76.7 76.7	78.9	78.9	79.9 78.9	78.9	78.9 78.9	78.9	78.9	78.9 78.9	78.9	78.9 78.9	78.9	78.9 78.7	78.9
≥ 6000 ≥ 5000	77.8 77.8	79.9	78.9	78.9 78.9	78.9	78.9 74.9	75.9 78.9	73.9 78.9	78.9 78.9	78.9 78.9	78.9 78.9	78.9	78.9 78.9	78.9 78.9	78.9 78.9	78.9 78.9
≥ 4500 ≥ 4000	77.0	79.9	78.9 78.9	78.9	78.9	78.9	78.9		78.9 76.9	75.9	78.9 78.9	78.9	78.9 76.9	78.9	78.9 78.9	78.9 78.9
≥ 3500 ≥ 3000	77.8 77.0	78.9	74.9	78.9 78.9	78.9 76.9	78.9 78.9	78.9	78.9	78.9 78.9	78.9 72.9	78.9 76.9	78.5	78.9	78.9 79.9	78.9 78.9	78.9 78.9
≥ 2500 ≥ 2000	17.5	78.9	78.9 78.9	78.9	78.9		70.9 70.9	78.9 78.9	78.9 78.9	78.9 78.9	78.9 78.9	78.9	78.9	78.9 78.9	78.9 78.9	78.9 78.9
≥ 1800 ≥ 1500	1 3 . U	95.0	48.9 95.0		1				88.9 95.6			95.6		88.9 95.6	95.5	
≥ 1200 ≥ 1000	72.2	Too.o	100.0	ion,n	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0
≥ 900 ≥ 800	92.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700 ≥ 600	92.2	100.0	100.0	ton,o	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.C	100.0	100.0	100.0	100.0
≥ 500 ≥ 400	15.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300 ≥ 200	02.2	100,0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100 ≥ 0											100.0					

TOTAL NUMBER OF OBSERVATIONS

41

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EJECTORS OF THIS FORM ARE OBSOLETE

CATH PROCESSION DRAFON USAF ETAL BEATHER NEVITORY HE

CEILING VERSUS VISIBILITY

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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CEILING							VIS	IBILITY (ST	ATUTE MIL	ES:						
FEET	≥10	≥6	≥ 5	≥ 4	≥3	≥217	≥ 2	≥11′2	≥1'a	≥1	≥ ⅓	≥ ' ,	≥ 7	≥ 5 16	≥ .	≥0
NO CEILING ≥ 20000	70.7	76.7	70.7	76.7	70.7	76.7	70.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	70.7	76.7
≥ 18000 ≥ 16000	75.7	76.7	70.7 76.7	76.7	76.7	76.7	70.7	76.7	76.7	76.7	76.7	76.7 76.7	76.7	75.7	76.7 76.7	76.7
≥ 14000 ≥ 12000	70.7	75.7	70.7	74.7	76.7 76.7	76.7 76.7	76.7	75.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7 76.7
≥ 10000 ≥ 9000	70.7	76.7	70.7	76.7 76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	75.7	76.7	76.7
≥ 8000 ≥ 7000	75.7	75.7	70.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 6000 ≥ 5000	76.7	76,7	70.7	76.7	70.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7 76.7	76.7	76.7	76.7
≥ 4500 ≥ 4000	70.7	76.7	70.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7 76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 3500 ≥ 3000	75.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	74.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 2500 ≥ 2000	70.7	76.7 77.8	70.7	76.7	76.7	76.7	70.7	76.7	76.7	76.7	76.7	76,7	76.7	76.7 77.8	76.7	76.7
≥ 1800 ≥ 1500	90.0	92.2	92.2	38.9	88.9	92.2	88.9	88.9	86.9	88.9 92.2	88.9	88.9	88.9	92.2	88.9	88.9
≥ 1200 ≥ 1000	75.5	93.9	98.9		95.9	98.9	90.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 900 ≥ 800	95.6		98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0
≥ 700 ≥ 600	95.6	94.9	97.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0	100.0		100.0
≥ 500 ≥ 400	95.0	92.9	90.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0			100.0	
≥ 300 ≥ 200	95.0	94,9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0	100.0	
≥ 100 ≥ 0	95.0	98,9	90.9		100.0	100.0		100.0			100.0				100.0 100.0	

TOTAL NUMBER OF OBSERVATIONS

90

USAF ETAC JUL 44 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSION SKANCH USAF ETAT AIR FEATHER SERVICEFINGS

CEILING VERSUS VISIBILITY

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

c400-110c

CEILING							vis	IBILITY (ST	ATUTE MIL	ES:						
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥21/2	≥ 2	≥1%	≥1%	≥1	≥ 1,4	≥ %	≥ %	≥5 16	۱۷ چ	≥0
NO CEILING ≥ 20000	14.4	74,4	74.4	74.4	74.4	74,4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 18000 ≥ 16000	14.4	74.4	74.4	74.4	74.4	74.4	_ '''		74.4	74.4		74.4		74.4	74.4	74.4
≥ 14000 ≥ 12000	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4		74.4	74.4	74.4
≥ 10000 ≥ 9000	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 8000 ≥ 7000	76.7	77.2	77.6	78.5 78.9	76.9	78.9	76.9	78.9 78.9	78.9	78.9	78.9	78.9	70.9	78.9 78.9	78.9	78.9 78.9
≥ 6000 ≥ 5000	70.7	77.5	78.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0		80.0	80.0
≥ 4500 ≥ 4000	70.7	77.8	70.9	80.0 80.0	80.0	80.0	PU-0	8Q . C	80.U	80.0	RO.0	80.0	80.0	80.0		
≥ 3500 ≥ 3000	75.7	77.8	78.9 76.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0		80.0
≥ 2500 ≥ 2000	73.7	77.8 80.0	78.9 81.1	80.0	82.2	82.2	80.0	80.0	80.0	80.0 82.2	90.0 92.2	80.0		80.0	80.0	80.0
≥ 1800 ≥ 1500	91.1	93.3	95.0	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1200 ≥ 1000	93.3	95.6	97.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9 98.9	98.9	98.9
≥ 900 ≥ 800	73.3	95.6	97.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9 100.0	99.9	98.9 100.0	98.9	98.9	98.9
≥ 700 ≥ 600	93.3 93.3	95.6 95.6	97.0	98.9	98.9	98.9	100.0	100,0	100.0		100.0	100.0		100.0	100.0	100.0
≥ 500 ≥ 400	93.3	95.6	97.8	98.9	98.9		100.0	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0
≥ 300 ≥ 200	73.3	95.0	97.8	98.9	98.9		100.0		100.0		100.0		100.0		100.0	
≥ 100 ≥ 0	93.3 93.3	95,5	97.0		98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0			100.0

TOTAL NUMBER OF OBSERVATIONS

90

USAF ETAC JULIA 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1400-1400

CEILING							VIS	BILITY (ST.	ATUTE MIL	E S:						
FEET.	≥10	≥6	≥ 5	≥ 4	≥ 3	≥21,	≥ 2	≥1'5	≥1/4	≥1	≥ ′₄	≥ 2.8	≥'₂	≥ 5 16	≥'.4	≥0
NO CEILING ≥ 20000	73.0	75.5	75.0	75,6	75.6	75.6			75.6	75,6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 18000 ≥ 16000	75.0 75.0	75.6	75.6 75.6	75.0	75.6	75.6 75.6	75.6		75.6 75.6				75.6	20.0		75.5 75.6
≥ 14000 ≥ 12000	75.0 75.0	75.6 75.6	75.0 75.6	75.6	75.6	75.6 79.6	75.6 75.6	75,6	75.6 75.6	75.6 75.6	اماد	75.6 75.6	75.6	- A	1	75.6 75.6
≥ 10000 ≥ 9000	75.6	75.6	75.6 75.0	75.6	75.0 75.0	75.6 75.6	75.6		75.6 75.6	75.6	75.6 75.6	75.6 75.6	75.6 75.6		: 1	75.6 75.6
≥ 8000 ≥ 7000	° > • 0	86.7	86.7 86.7	86.7 86.7	80.7	86.7	80.7	86.7 86.7	86.7	86.7	86.7 86.7	86.7	86.7	86.7	86.7	86.7 86.7
≥ 6000 ≥ 5000	20.0	86.7	86.7	86.7	86.7	84.7	86.7	86.7	86.7	84.7	86.7	86.7 86.7	P6.7	86.7	86.7	86.7
≥ 4500 ≥ 4000	25.0	85.7	40.7 86.7	86.7	86.7	86.7 86.7	84.7	86.7	86.7 80.7	86.7	86.7	86.7	86.7	86.7 86.7	86.7 86.7	86.7
≥ 3500 ≥ 3000	₹5.0 ↑5.6	86.7 86.7	86.7 86.7	65.7 86.7	86.7 86.7	56.7	85.7	86.7 86.7	86.7		86.7 86.7	86.7 86.7	86.7 86.7	84.7 86.7	86.7	86.7
≥ 2500 ≥ 2000	5.0 20.1	86.7	87.8	66.7 87.8	80.7	87.8	80.7		86.7 87.8		86.7 87.8	86.7 87.8	87.8	86.7	86.7 87.8	86.7
≥ 1800 ≥ 1500	95.6	95.7	96.7 98.9	96.7	96.7	96.7			96.7		96.7 98.9	96.7	96.7	96.7		96.7
≥ 1200 ≥ 1000	70.7	94.9	98.9 98.9	98.9 98.9	100.0	98.9 100.0	100.0	_		100.0	100.0	100.0		100.0	98.9	98.9 100.0
≥ 900 ≥ 800	90.7	98.9	95.9		100.0		100.0	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0
≥ 700 ≥ 600	96.7	98.9	98.9	95.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0
≥ 500 ≥ 400	96.7	98.9	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100 · C	100.0
≥ 300 ≥ 200	96.7	98,9	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0
≥ 100 ≥ 0	90.7	98,9	98,9												100.0 100.0	

TOTAL NUMBER OF OBSERVATIONS

90

USAF ETAC 101 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

MATA PROCESSING PRACON USAH ETAC MIR EATHER SERVICEZMAC

CEILING VERSUS VISIBILITY

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700

CEILING							VIS	IBILITY (ST.	ATUTE MIL	ESI			_			
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2	≥ 2	≥1∵	≥114	≥1	≥ 44	≥ 5.8	≥ '2	≥ 5 16		≥0
NO CEILING ≥ 20000	78.9	74.9	7d • 9	79.9	78.9			78.9								78,9
≥ 18000 ≥ 16000	76.9 /6.9	78.9	78.9	78.9	76.9 78.9	78.9 78.9		78.9 78.9	78.9 78.9					78.9 78.9		78.9 78.9
≥ 14000 ≥ 12000	78.9	78.9	78.9 7d.9	78.7	75.9	78.9	73.9	78.9 78.9	78.9 78.9		78.9 78.9	78.9 78.9		78.9 78.9	78.9	78.9
≥ 10000 ≥ 9000	76.9	78.9	78.9	78.7 78.9	78.9	78.9		78.9 78.9	78.9 78.9	78.9	78,9	78.9	78.9	78.9 78.9	78.9	78.9 78.9
≥ 8000 ≥ 7000	~0.7	86.7 87.8	87.8	86.7	87.8	84.7	87.8	87.8	86.7	87.8	86.7	86.7	86.7	86.7	86.7 97.8	86.7
≥ 6000 ≥ 5000	86.7	87.H	87.8	87.8	37.8				87.8 87.8		87.8		87.5	87.8 87.8	87.8	87.8
≥ 4500 ≥ 4000	0.7	67.8 67.8	87.8	87.A	97.8 87.8		87.8	1 1 7 .		1	87.8	87.8		87.8	87.8	87.8
≥ 3500 ≥ 3000	65.7 80.7	87.5 87.5	37.8 87.8	87.8 07.6	87.8	87.8 87.8	87.8	. , .		I	87.8	87.8	87.8		87.8	87.8
≥ 2500 ≥ 2000	10.7	67.8 87.8	87.8 47.8	87.8 87.8	87.8 87.8	87.8	87.8			87.8 87.8	87.8	87.8	87.8	87.8	87.8	87.8 87.8
≥ 1800 ≥ 1500	90.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 1200 ≥ 1000	96.7				100.0			100.0	100.0					100.0		100.0
≥ 900 ≥ 800	90.7	100.0	100.0	100,0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700 ≥ 600	50.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500 ≥ 400	95.7	100.0	100.0	100,0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300 ≥ 200	96.7	100.0	120.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100 ≥ 0					100.0											

TOTAL NUMBER OF OBSERVATIONS....

90

USAF ETAC: FORM 0.14-5 (OL 1) PREVIOUS EXPLOSES OF THIS FORM ARE ORSOLETE

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

140C-2000

CEILING							VIS	IBILITY (STA	ATUTE MIL	ESi						
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥21.9	≥ 2	≥1 ¹ 2	≥1 ′u	≥1	≥ 1/4	≥ 5/8	≥ 12	≥ 5 16	≥ :.₄	≥0
NO CEILING ≥ 20000	75.6	77.d	77.8		77.6	77.9			77.8						77.6	77.8
≥ 18000 ≥ 16000	75.0	77.	77.8	77.5	77.6	77.8	77.8	77.5	77.8	77,8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 14000 ≥ 12000	75.0	77.5	77.9 17.8	77.2	77.8	77.5	77.8	77.8	77.8	77.5	77.8	77.8 77.8	77.8	77.8	77.8	77.8 77.8
≥ 10000 ≥ 9000	75.0	77.5	77.6	77.P	77.8	77.8	77.8		77.8	77.8		77.8	77.8	77.8 77.8	77.8	77.8 77.6
≥ 8000 ≥ 7000	15.6	02.2	78.9	78.9	78.9	78.2 82.2		82.2	78.9 82.2	32.2	82.2	78.7 82.2	70.9	79.9 82.2	78.7 82.2	78.9 82.2
≥ 6000 ≥ 5000	76.7	62.2	85.5	82.7	82.2	82.2	P 2 . 2	82.2	82.2	82.2	82.2 82.2	82.2	42.2	82.2	92.2	82.2
≥ 4500 ≥ 4000	75.7	62.2	82.2	82.7 52.7	92.2 82.2	62.2		62.2	82.2	82.2	82.2	82.2	82.2 82.2	82.2	82.2	82,2
≥ 3500 ≥ 3000	70.1	42.2	92.2	82.2	92.2	82.2			82.2 82.2	82.2		82.2	92.2	62.2	82.2	82.2
≥ 2500 ≥ 2000	76.7	52.2	82.2	82.2	92.Z	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 1800 ≥ 1500	*1.4 *4,4	91.1	Po . Y	91.1	92.2	92.2	94.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 1200 ≥ 1000	7.0	93.9	94.4	94.4	100.0		100.0	100.0	100.0	100.0	100.0	95.6 100.0		100.0	100.0	95.6
≥ 900 ≥ 800	7.8 7.8	98.9	93.9	98.9		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0
≥ 700 ≥ 600	F7.8	94.9	98.9	94.7	100.0 100.0	100.0	100.0	100 • 0	100.0	100.0		100.0	100.0	100.0		100.0
≥ 500 ≥ 400	97.8	98.9	98.9	18.7	100.0	100.0	100.0	100.0	100.0	190.0		100 · C	100.0 100.0	100.0	100.0	100.0
≥ 300 ≥ 200 > 100	57.8	98.9	98.9	98,0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100 · C	100.0	100 · C
≥ 100	67.0	94,9	94.9		100.0		l				100.0		100.0			100.0

TOTAL NUMBER OF OBSERVATIONS

90 ;

USAF ETAC 101 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ATA PRINCESSEE - KARES SAF ETAL TREENTED EMPTOR AC

CEILING VERSUS VISIBILITY

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

..45° 2109-2300

CEILING							VIS	IBILITY ST	ATUTE MIL	ES-						:
FEET	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥2	≥ 2	≥1.	≥1 ,	≥1	≥ '₃	≥ ,	≥ ;	≥ 5 16	≥ ,	≥ 0
NO CEILING 2 20000	1 . 7	71.00	70.0	10.0	70.5	10.0	70.0	70.0	70.0	70.0	70.g	70.0	70.0	70.0	73.d	70.0
≥ 18000 ≥ 16000	13.7 10.9	70.0	70.0	70.0 70.0	70.0	70.0	70.0			70.0		70.0	70.0 70.0	70.0 70.0		70.0
≥ 14000 ≥ 12000	2.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0		70.0 70.0			70.0	70.0 70.0		70.0 70.0
≥ 10000 ≥ 9000	ີງ. 9 ເປັ ນ 9	70.0	70.0	70.0 70.0		70.0	70.0	70.0			70.0	77.0	70.0	70.0 70.0	70.0 70.0	70.0
≥ 8000 ≥ 7000	72.6	73,4	73.3	73.3	73.3	73.3	73.3	73.3		73.3		73, 3	73.3	73,3	73.3	73.3
≥ 6000 ≥ 5000	12.2	73.3	73.3	73,3	73.3	73.3	73.3			73.3	73.3	73,3	73.3	73.3	73.3	73.3
≥ 4500 ≥ 4000	72.2	73.3	1	73,3	73.3	73.3	73.3	73.3 73.3 73.3		73.3 73.3	73.3	73.3	73.3 73.3 73.3	73.3	73.3 73.3 73.3	73.3 73.3
≥ 3500 ≥ 3000 ≥ 2500	72.2	73.3	73.5	73.3	73.3	72.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	1	73.3	73.3
≥ 2000	72.0	73.3	73.3			73.7	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 1500 ≥ 1200	20.0	54.4	70.7			84.4	84.4	96.7	84.4	84.4	H4.4		96.7		96.7	96.7
≥ 1000			100.0												100.0	100.0
≥ 800 ≥ 700			100.0													
≥ 500	13.5	tonin	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400 ≥ 300	. 2 . 0	100.0	100.0	100.0	100.0	100 • C	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200 ≥ 100 ≥ 0	73.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

90

USAF ETAC 10.64 0-14-5 (OL 1) PREVIOUS ET 1 10 13 TO TORK ARE DISLOCKED

TATA PROCESSING PRANCH USAF ETAC PIR MENTHER MENTCENME

CEILING VERSUS VISIBILITY

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200

CEILING							VIS	IBILITY (STA	ATUTE MIL	.ES:						
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2'>	≥ 2	≥1/7	≥13	≥1	≥ ¹₄	≥ ક્ય	≥ ,	≥ 5 16	≥ .	≥0
NO CEILING ≥ 20000	70.9	10.9	711.0	78.0	75.0	78.0	78.0	78.0	78.0	71.0	78.0	70.0	76.0	74 • C	78.0	78.0
≥ 18000 ≥ 16000	70.9	78.0 78.0	74.0	78.0	78.0	78.0 78.0	70.0	78.0 78.0	78.0 78.0			78.0 78.0	76.0 78.0		1	78.0 78.0
≥ 14000 ≥ 12000	70.9	78.0 79.0	78.0	79.7	1	78.0	78.0 78.0	78.0 78.0	78.0 78.0	7º.0	78.0 76.0	78.0 78.0	78 • 0 78 • 0	78.0	78.0 78.0	78.0 78.0
≥ 10000 ≥ 9000	75.9	78.0	78.U	78.0	76.0	79.0	78.0	78.0 78.0	76.0			78.c	78.0		78.0	78.0
≥ 8000 ≥ 7000	76.0	79.1	74.1	79.1	01.3	79.1 61.3	79.1 F1.3	79.1	79.1	79.1	79.1 81.3	79.1 81.3	79.1	79.1	79.1 81.3	79.1 81.3
≥ 6000 ≥ 5000	10.2	01.3	7 1 . A	51.3	_	81.3	61.3 81.3	81.3	81.3 81.3		#1.3 #1.3	81.3	51.3 51.3		81.3	81.3
≥ 4500 ≥ 4000	0. C. C. N. N. N. N. N. N. N. N. N. N. N. N. N.	01.3	81.3	81.3	81.3		P1.3	81.3	P1.3	81.3	81.3	81.3			81.3	81.3
≥ 3500 ≥ 3000	1.0.2	07.4	47.9	62.4		81.3	81.3	81.3	A1.3	82.4	82.4	81.3	81.3	82.4	82.4	81.3 82.4
≥ 2500 ≥ 2000	* 1 . 3	63.5	83.5	83.5	A3.5	43.5	83.5	83,5	R3.5	83.5	83.5	83.5	83.5	83.5	R3.5	
≥ 1800 ≥ 1500	73.4	90.1	91.5	97,4		90 1 100 0	100.0	90.1	100.0		90.1		90 • 1 100 • 0		100.0	
≥ 1200 ≥ 1000	73.4	96.7	97.8 97.8	97.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0
≥ 900 ≥ 800	93.4 73.4	95.7	97.8	97.8		100 • 0	100.0	100.0 100.0	100.0	100.0	100.0	100.0	100 · 0	-	100.0	
≥ 700 ≥ 600	93.4	96.7	91.0	97.8	100.0	100.0	700.0	100.0	100.0	100.0	100.0	100.0	100.0			100.0
≥ 500 ≥ 400	93.4	90.7	97.0	97.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0 100.0	100.0
≥ 300	73.4	96.7	97.8		100.0	100.0	100.0		100.0	100.0	100.0		100.0 100.0	100.0	100.0	100.0
≥ 100 ≥ 0	93.4	96.7	97.4		100.0					- -					100.0	

TOTAL NUMBER OF OBSERVATIONS

41

USAF ETAC TORM 0.14-5 (OL 1) PREVIOUS EDITIONS OF THIS HORM ARE OBSOLETE

TATA PROCESSING MANGE USAF ETAC UIP HEATHER SERVICENING

CEILING VERSUS VISIBILITY

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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CEILING							VIS	SIBILITY ST	ATUTE MIL	ES-						
FEET	≥10	≥6	≥ 5	≥ 4	≥3	≥2':	≥ 2	≥117	د ا≤	≥1	≥ 14	≥ 5.8	≥ :	≥ 5 16	≥ .,	≥0
NO CEILING ≥ 20000	15.0	75.3	70.7	78.7	75.9	72.9			78.9							70.9
≥ 18000 ≥ 16000	73.0	75.9	76.9	78.0	78.9 78.9	78.9 78.0	70,9	78.9	78.9 78.9			78.9		78.9		
≥ 14000 ≥ 12000	73.0 73.0		72.99 78.89	78.0	78.9 73.9	78.9	70.9	78.9	78.9 78.9	1		78.9	78.9		78.9	78.9 78.9
≥ 10000 ≥ 9000	75.0		76.9	78.9 78.9	73.9	78.0	78.9		78.9			79.9 78.9			78.9 78.9	78.7 78.9
≥ 8000 ≥ 7000	75.7	80.0 83.3	"0.0 5.3		90.0	80.0 83.3	°0.0 €.€	80.0 83.3	80.0 83.3	60.0 69.3		80.0 83.3	°0.0	87.0 83.3	80.0 #3.3	80.0 83.3
≥ 6000 ≥ 5000	78.9	43.3	83.3 83.3		83.3	63.3	83.3 83.3	33.3 53.3	83.3 83.3	83.3	R3.3	83.3	83.3	83.3 83.3	#3.3 #3.3	83.3 53.3
≥ 4500 ≥ 4000	78.9 76.9	83.3 63.3	R3.3	23.3		83.3	83.3	83.3	83.3 83.3	83.3 83.3	83.3	83.3	83.3		83.3	83.3 83.3
≥ 3500 ≥ 3000	70.9	63.3	7.3.3 7.3.3	83.3	83.3	63.3	83.3	83.3	83.3 83.3	63.3 83.3	83.3 83.3	83.3	P 3 . 3	03.3	83.3 83.3	
≥ 2500 ≥ 2000	73.9	83.3 33.3	43.3	63.3	83.3	83.3	83.3	63.3 83.3	83.3 83.3		83.3	83.3	83.3	63.3 63.3	P3.3	
≥ 1800 ≥ 1500	79.3	96.7	88.9	88.9 95.7		48.9 97.8	97.8	1	97.8			88.9			88.9	_
≥ 1200 ≥ 1000	0.7	97.5	97.0			98.9 98.9	100.0	100.0		. •	100.0			100.0	100.0 100.0	100.0
≥ 900 ≥ 800	70.7	97.8	97.8 97.8			98,9						100.0	100.0	100.0		
≥ 700 ≥ 600	30.1	97.8	97.8 97.8		1 - 1	98.9					100.0	- +		100.0		
≥ 500 ≥ 400	30.7	97.8	97.8	, •		98.9								100.0		
≥ 300 ≥ 200	₹0.7	97.1			1	311.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.C	100.0	100.0
≥ 100 ≥ 0	50.7 80.1	97.H			95.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

10

USAF ETAC 101.64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

NATA PROCESSING MEANON USAF ETAC NEATHER SERVICEZANO

CEILING VERSUS VISIBILITY

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-030C

CEILING							VISI	BILITY (STA	ATUTE MIL	ES.						
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2.5	≥ 2	≥1',	≥1'.	≥1	≥ ¼	≥ '*	≥ ',	≥5 '6	٤.	≥0
NO CEILING ≥ 20000	~4.9	84.9	84.9	64.9	84.9	ij 4 • 9	84.9	84.9	84.9	44.9	84.9	84.9	84.9	54.9	34.9	84.
≥ 18000 ≥ 16000	4.9	64.9	84.9	84.9	84.9	64.9	54.9	84.9	84.9	84.9	84.9	84.9	84.9	34.9		84.
≥ 14000 ≥ 12000	4.9	84.9 54.4	44.9 44.9	34.9 64.7	84.9	84.9 d4.9	84.9	84.9	84.9	84.9	84.9	84.9	P4.9	54.9	84.9	84.
≥ 10000 ≥ 9000	34.9	54.9 84.9	84.9	84.9	84.9	84.9	84.9	54.9 84.9	84.9		84.9	84.9 64.9	84.9		84.9	84.
≥ 8000 ≥ 7000	84.9	84.9 84.0	80.0		86.0	84.9	80.0	34.9 86.0	84.9		84.9 86.0	84.9			86.0	84.
≥ 6000 ≥ 5000	24.9	36.0	80.0		85.0	86.0 86.0	80.0	86.0	86.0 80.0	86.0	46.0 76.0	86.0 86.0	86.0		86.0	
≥ 4500 ≥ 4000	54.9	86.0	86.0 86.0	36.0	86.0 86.0	86.0 86.0	86.0	86.0 86.0	86.0	86.0	86.0 86.0	86.0 86.0				
≥ 3500 ≥ 3007	74.9 94.9	86.0	86.0	86.7	80.0	86.0 86.0	85.0 85.0	86.0 86.0	86.0	86.0	86.0 86.0	86.0 86.0	86.0		P6.0	
≥ 2500 ≥ 2000	24.9	_	80.0		86.0	86 • C	86.0	86.0 86.0	80.0	85.0	86.0 86.0	86.0				86.
≥ 1800 ≥ 1500	92.5	94.6	74.0	94.4	99.2	89.2 94.6	94.6	89.2 94.6	94.6	94.6	89.2 94.6	89.2 94.6	94.6	94.6	94.6	89. 94.
≥ 1200 ≥ 1000	9999	9000	96.8 96.8	95.8	95.8 95.8	96 • 8	96.8	96 B	90.8	95.8	96.8	96.8	90.8		96.8	96.
≥ 900 ≥ 800	73.5	96.8	90.0	96. A	96.6	96.8	96.8	96.8 97.8	97.8	97.8	96.8	96.8	97.8	97.8	97.8	97.
≥ 700 ≥ 600	ز.ز ^د	95.	96.0	96.3	96.6	96.8 95.8	97.8	97.8 97.8	97.8	97.8	97.8 97.8	97.8 97.8	97.8	97.8	97.6	97.
≥ 500 ≥ 400	ر.و د.و	96.8	96.3 96.0		96.8 96.8	96.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.6	97.8	97,
≥ 300 ≥ 200	93.5	95.8	76.8	96.4	90.6	96.8	97.8		97.8	97.8	97.8	97.8	97.8	97.8	97.0	97,
≥ 100 ≥ 0	93.5		90.8		96.8 96.8	96.8	97.8	97.8 97.8			97.8				100.0 100.0	

TOTAL NUMBER OF OBSERVATIONS

7

USAF ETAC DILAM 0-14-5 (OL 1) PREVIOUS 4 DEC 2 OR THIS FORM ARE DISSOLETE

TATA PROCESSING PRANCH SAF ETAT TIR MEATHER PERMICEPHED

CEILING VERSUS VISIBILITY

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

5920-1100

CEILING							VIS	BILITY ST	ATUTE MILI	ES.		-		-		
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2';	≥ 2	≥1%	≥1'₄	≥1	≥ '4	≥ ′, s	≥ ',	≥ 5 16	≥ .	≥0
NO CEILING ≥ 20000	50 . ₩	62.6	66.0	62.6	^2.6	62.6	52.6	62,6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ +8000 ≥ 16000	50.4 50.4	62.6 62.6	52.0				62.6	7	62.6	62.6		62.5	62 .6	· · ·	42.6	62.6
≥ 14000 ≥ 12000	50.4	62.6 62.5	62.0	62.6	52.6	62.6 42.6	62.6	62.6	62.6	62.6		62.5	62.6		62.6	62.6
≥ 10000 ≥ 9000	44 ون 14 اورون	62.6 62.5	62.0	62.6		62.6	62.6	62.5	62.6	62,6		62.5	62.6		62.6	62.6
≥ 8000 ≥ 7000	54.0	64,8	54.6 54.6	04.5	54.5	64.9 64.9	64.8	64.5	64.8	64.8 64.8	64.8	64.8	64.8	64.B	64.8	64.R
≥ 6000 ≥ 5000	52.6		54.6	64.8 64.8	64.0 64.0	64.8 64.5	54.8	64.8	64.8	64.8		64.F	64.8	64.8	64.6	64.R
≥ 4500 ≥ 4000	62.6		*400 6400	64.8	64.5 54.8	64.8 64.8	64.8	64.8 04.8	64.8	64.8	64.6	64.9	64.8	64.8	64.8	64.8
≥ 3500 ≥ 3000	12.0		54.8	54.8	64.6	64.8 64.8	64.8	54 . R	54.6	64.8	64.8	64.8	64.8	64.8	54.8	64.8
≥ 2500 ≥ 2000	12.6	04.8	54.0	05.9	64.0	04.8	64.8	69.9	64.8	64.8	65.9	64.9	64.9	64.8 65.9	64.8	64.8
≥ 1800 ≥ 1500	4.0	67.9	99.0	89.0	93.4	29.0 93.4	89.0	89.0 93.4	93.4	93.4	89.0	89.0 93.4	89.0	89.0	93.4	93.4
≥ 1200 ≥ 1000	70.1	94.5	95.6 95.7	95.5	95.6	95.4	95.6	95.0	95.6	95.6	95.6	95.0	95.6	95.6	95.6	95.6
≥ 900 ≥ 800	00.1	95.6 95.6	95.7	96.7	96.7	96.7	90.7	96.7	96.7	95.7	96.7	96.7	96.7	96.7 96.7	96.7	96.7
≥ 700 ≥ 600	90.1	95.5	96.7	95.7	36.7 90.7	96.7	90.7	96.7	96.7	96.7	96.7	96.7	96.7	95.7	96.7	96.7
≥ 500 ≥ 400	9001	95.0	96.7	96.7	90.7	96.7	90.7	96.7	96.7	96.7	96.7	96.7	98.9	98.9	98.9	98.9
≥ 300 ≥ 200	90.1	95.6	90.7	95.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7		100.0	100.0	100.0	100 • C
≥ 100 ≥ 0	90.1	95.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	95.7	100.0	100 • C	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

91

USAF ETAC FORM RR 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

TATA PRUCESSING FRANCH USAF ETAC TIR TEATHER REPUTCE/MAC

CEILING VERSUS VISIBILITY

41413

TIPING NAS ANIAPA IS

45

PC1

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400

CEILING							VISI	BILITY (STA	ATUTE MILI	ES						
FEET.	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2':	≥ 2	≥11.7	≥1:₄	≥ 1	≥ 14	≥ > 's	≥ '2	≥ 5 16	٤.	≥ 0
NO CEILING ≥ 20000	70.0	71.5	7,.8	/1."	71.5	71.5	71.6	71.R	71.8	71.8	71.8	71.13	71.8	71.8	71.5	71.5
≥ 18000 ≥ 16000	70.0	71.9 71.9	71 e d	71.4 71.4	71.8	71.8 71.8	71.8	71.8	71.8	71.8	71.8	71.4	71.8	71.8 71.8	71.6	71.5 71.5
≥ 14000 ≥ 12000	70.0 70.0	71.7	71.0	71.	71.8	71.8	71.6	71.8	71.8	71.8	71.8	71.5	71.8		71.6	71.8 71.8
≥ 10000 ≥ 9000	70.0 70.6	71.5	71.0	71." 71.E	71.8 71.6	71.3	71.8	71.8 71.8	71.8	71.8	71.8	71.8 71.8	71.8	71.8 71.8	71.8	71.8 71.8
≥ 8000 ≥ 7000	71.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 6000 ≥ 5000	71.3	72,9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.7	72.9			72.9
≥ 4500 ≥ 4000	71.0	72.9	72.9	72.9	72.9	72.9	74.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 3500 ≥ 3000	71.5	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 2500 ≥ 2000	71.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 1800 ≥ 1500	91.0	92.9	90.0	90.6	92.9	92.9	90.6	90.6	90.6	90.6	92.9	90.6	90.6	92.9	90.6	90.6
≥ 1200 ≥ 1000	34.1	95.3	95.3		95.3	96.5	95.3	95.3	95.3	95.3 95.5	95.3	95.3	95.3	95.3	95.3	95.3
≥ 900 ≥ 800	94.1	96.5	1	96.5	96.5	96.5	96.5	96.5	96.5	96.5 96.5 97.6	96.5	96.5 96.5	96.5	96.5	96.5	96.5 96.5
≥ 700 ≥ 600	94.1 94.1	96.5 96.5	90.5	96.5	96.5 96.5	96.5	97.6	97.6	97.6 97.6	97.6	97.6	97.6	97.6	97.6		97.6
≥ 500 ≥ 400	74.1	96.5	96.5	96.5 96.5 96.5		96.5	97.6	97.6	97.6	98.8 98.8	98.8	98.8 98.8	100.0	100 · C	100.0 100.0	100.0
≥ 300 ≥ 200	94.1	96.5	96.5	-	90.5	96.4	97.6	97.6	97.6	98.8 98.0	98.8	96.8	100.0	100.0	100.0	100.0
≥ 100 ≥ 0	94.1	96.5		94.5		96.5	97.6		97.6	91,8					100.0	

TOTAL NUMBER OF OBSERVATIONS

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USAF ETAC JUL 64 0-14-5 (OL 1) PREVIOUS ELECTRIC OF THIS FORM ARE OBSOTETE

61411

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700

CEILING							VIS	SIBILITY IST	ATUTE MIL	E\$.						
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥ 219	≥ 2	≥11/2	≥1'₄	≥1	≥ ⅓4	≥ %	≥ ′7	≥ 5 16	≥ 4	≥0
NO CEILING ≥ 20000	1.5.9	/1.1		71.1	71.1	71.1			71.1		71.1	/1.1	71.1		71.1	
≥ 18000 ≥ 16000	لا ين ' خ خ	71.1 71.1	71.1 71.1	71.1	71.1	71.1	71.1	71.1 71.1	71.1	71.1 71.1	71.1	71.1 71.1	71.1 71.1	71.1 71.1	71.1 71.1	71.1 71.1
≥ 14000 ≥ 12000	18.9	71.1	71.1 71.1	71.1 71.1	71.1	71.1 71.1	71.1	71.1	71.1	71.1	71.1 71.1	71.1 71.1	71.1	71.1	71.1 71.1	71.1 71.1
≥ 10000 ≥ 9000	48.9 00.9	71.3 71.1	71.1	71.1	71.1	71.1	71.1 71.1	71.1	71.1 71.1	71.1 71.1	71.1 71.1	71.1 71.1	71.1 71.1	71.1 71.1	71.1 71.1	71.1 71.1
≥ 3000 ≥ 7000	20.9	72.2	13.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3 73.3	73.3 73.3
≥ 6000 ≥ 5000	68.9	72.2	73.3	73.3	73.3	73.3	73.3 73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3 73.3	73.3 73.3	73.3
≥ 4500 ≥ 4000	^a.9	77.2	73.3 13.3	73.3	73.3	73.3	73.3	73.3 73.3	73.3 73.3	73.3 73.3	73.3	73.3	73.3	73.3 73.3	73.3	73.3
≥ 3500 ≥ 3000	68.9	72.2	73.3	73.3 76.7	73.3	73.3 76.7	73.3	73.3	73.3	73.3	73.3	73.3 76.7	73.3	73.3	73.3	73.3 76.7
≥ 2500 ≥ 2000	58.9	75.6	76.7 76.7	76.7	76.7	76.7 76.7	70.7	76.7	76.7	76.7	76.7 76.7	76.7	76.7	76.7 76.7	76.7 76.7	76.7
≥ 1800 ≥ 1500	75.6	90.0	84.4 91.1	84.4	91.1	84.4 91.1	91.1	91.1	91.1	91.1	91.1	91.1	84.4 91.1	84.4 91.1	91.1	
≥ 1200 ≥ 1000	5.0		94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	96.7	94.4	94.4	96.7
≥ 900 ≥ 800	5.0	95.6	90.7	96.7	96.7	96.7 96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 700 ≥ 600	A > 0	95.4	90.7	96.7 96.7	97.8	97.8 97.8	97.8 97.8	97.8 97.8	97.8	97.8	97.8	97.8	97.8 97.8	97.8 97.8	97.8	~ ~ ~
≥ 500 ≥ 400	35.6	95,6	98.9	98.9	100.0	100.0	100.0	100.0 100.0	100.0 100.0	1		100.0	100.0	100.0		100 • 0 100 • 0
≥ 300 ≥ 200	45.6	95,6	94.9	99,9	100.0		100.0	- - - +		100.0	-	100.0 100.0		100+0 100+0		100.0 100.0
≥ 100 ≥ 0	65.0		. • .	98.9	100.0	100.0	100.0	la I a ' al		100.0	100.0	100.0 100.0	100.0	100.0 100.0		100.0

TOTAL NUMBER OF OBSERVATIONS

90

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PRUCESSING DEANCH USAF ETAC AIR REATHER SERVICE/SAC

CEILING VERSUS VISIBILITY

PRABL

41413 STATION TITTON HAS TERIAMA IS

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1 800-2000

CEILING							VIS	IBILITY (ST)	ATUTE MILI	ESI						
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥21/	≥ 2	≥1;	≥1'4	≥1	≥ 14	≥ >⁄8	≥ 🤈	≥5 16	≥ .	≥0
NO CEILING ≥ 20000	72.0	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.
≥ 18000 ≥ 16000	72.6		77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2		77.2	77.2		77.
≥ 14000 ≥ 12000	72,8		77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2		77.2	77.2		77.2	77.
≥ 10000 ≥ 9000	72.8	77.2	77.2	77.2		77.2	77.2	77.2	77.2	77.2	77.2	77.2		77.2	77.2	77.
≥ 8000 ≥ 7000	76.1	30.4 80.4	90.4 80.4	80.4	80.4	80.4	80.4		80.4 80.4			80.4	80.4	80.4	80.4	80,
≥ 6000 ≥ 5000	70.1 70.1	80.4	80.4 80.4	80.4	AU.4	80.4	80.4	80.4	80.4			80.4	80.4	8C.4	80.4 86.4	80.
≥ 4500 ≥ 4000	76.1 76.1	50.4 50.4	80.4 40.4	30.4	80.4	80.4 80.4	80.4	80.4	80.4		80.4	80.4	80.4 80.4	80.4	80.4	
≥ 3500 ≥ 3000	70.1	67.6	80.4 62.6	80.4	80.4	80.4 82.6	80.4	80.4	80.4	80.4	80.4	80.4	10.4	80.4	70.4	80
≥ 2500 ≥ 2000	78.3	84.F	84.0	85.9	84.8	84.9	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8		84
≥ 1800 ≥ 1500	HU.4	38.0 92.4	28.0 92.4	88.0	88.0	88+0 92+4	88.0	88.0 97.4	88.0	88.0		89.0	88.0			88
≥ 1200 ≥ 1000	75.9	97.8	98.9	98.9	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
≥ 900 ≥ 800	*5.9	97.8 97.8 97.8	98.9	98.9	100.0		100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100
≥ 700 ≥ 600	15.9 15.9 15.9	97.8 97.8	96.9 96.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100
≥ 500 ≥ 400	15.9 45.9	97.8	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
≥ 300	75.9	97.1	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100
≥ 100	85,9	97.8 97.8	98,9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100
≥ 0	85.9	97,8	94.9	98.9	100.0	100.0	100.0	100,0	100.0	100.0	100.0	100.0	100.0	100.C	100.0	100

TOTAL NUMBER OF OBSERVATIONS

35

USAF ETAC JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS, OF THIS FORM ARE OBSOLETE

TATA PROCESSING TRANCH ISAH ETAC TIR HEATHER SERVICENTAG

CEILING VERSUS VISIBILITY

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2150+X300

CEILING							VIS	BILITY (ST	ATUTE MIL	ES)						:
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥217	≥ 2	≥1%	≥1%	≥1	≥ 34	≥ 5,8	<u>₹</u> 2	≥5 16	À	≥0
NO CEILING ≥ 20000	70.3	71.5	78.5		76.2	78.5	78.5	78.5	78.5	78.5	78.5	73.5	70.5	78.5	78.5	79.5
≥ 18000 ≥ 16000	75.3	75.5		75.5	78.5	78.5	78.5	78.5 78.5	78.5 76.5	78.5 78.5			78.5			
≥ 14000 ≥ 12000	76.3	78.5	76.5	78.5	70.5	78.5 75.5	78.5				78.5	78.5	-		78.5	78.5 78.5
≥ 10000 ≥ 9000	70.3	78.5	70.5	78.5	78.5	78.5 78.5	78.5 78.5	78.5 78.5	78.5 78.5		78.5	78.5			78.5	
≥ 8000 ≥ 7000	78.5	80.6		80.6	80.6	80.5	8U.6	80.6	80.6	80.6	80.6	80.5	80.6	80.6	30.6	80.6
≥ 6000 ≥ 5000	78.5	80.6	80.0	60.5 dp.6	80.0	80.6	80.6	80.6	80.6	80.6	80.6	80.5	PO.6	80.6	B0.6	80.6
≥ 4500 ≥ 4000	78.5	80.6	HU.U	60.6	80.0	80.6	80.6	80.6	80.6	80,6	80.6	80.6	80.6	60.6	*0.6	80.6
≥ 3500 ≥ 3000	78.3	₫0 . 6		80.5	80.6	40.0	80.6		80.6	60.6	80.6					
≥ 2500 ≥ 2000	11.7	03.9	83.9	33.9	83.9 81.9	63.9	83.9	83.9	83.9	83.9	83.9	83.9		83.9	83.9	83.9
≥ 1800 ≥ 1500	79.6	92.9	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.3	92.5	92.5
≥ 1200 ≥ 1000	75.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900 ≥ 800	30.0	100.0	100.0	TOC.O	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700 ≥ 600	90.5	100,0	Inu.u	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0
≥ 500 ≥ 400	96.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0
≥ 300 ≥ 200	95.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	90.8	100.0	100.0	lun.n	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
≥ 0	90.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.C	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

23

USAF ETAC HIS 60M HIS 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

41414 STATION

CEILING VERSUS VISIBILITY

TIMENS HAS MARIANA IS

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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CEILING							VIS	IBILITY ISTA	ATUTE MILI	ESı						
FEET.	≥10	≥6	≥5	≥ 4	≥ 3	≥2',	≥ 2	≥1 1/2	≥11⁄4	≥1	≥ 1⁄4	≥ 5/8	≥ 1.7	≥ 5 16	≥ : ₄	≥0
NO CEILING ≥ 20000	37.0	8 8	೫ರ.ರ	88.8	86.6	48.8	80.8	88.8	38.8	89.8	88.8	88.0	68.8	88.8	86.6	88.8
≥ 18000 ≥ 16000	F7.0	85 . B	84.8 85.8	88.8 88.8	86.8 86.8	88 • 8	88.8 88.8	_	88.8 88.9	88.8	"""	88.8 86.5	A6.8	88.8	88.8 88.8	88.8 88.8
≥ 14000 ≥ 12000	87.0	88.F	43.8	88.8 88.8	88.8	88.8 88.8	88,8	89.8 89.8	88.8 88.6	88,8	88.8	88.9 88.8	88.8	8P.8	98.8	88.5
≥ 10000 ≥ 9000	87.6	68.8	89.8 89.8	88.8 48.8	88.8	8 . 8 & 8 . 8 &	86.8	88.8 88.8	88.8	88.8 88.8	88.8	88.8	88.8	88.8 88.8	88.8	88.8
≥ 8000 ≥ 7000	47.6 77.0	88.8 88.8	88.8 88.8	88.8 88.8	8.85	88.88	88.8	88 8 88 8	88.8	88.8 88.8		88.8 88.8	8.88	86.5 88.5	88.8 88.8	88.8 88.8
≥ 6000 ≥ 5000	57.6	88.8 8.88	88.8 88.8	88.8 88.8	8 . 8	8 . 8 8	86.8	88.88 88.88	88.8	88.8 88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 4500 ≥ 4000	47.0	89,8 88,8	88.8 86.8	88.8 88.9	8.88	88 • 8	88.88	88.8 88.8	88 · 8	8.88 8.88	88.8 88.8	88.8	88.8	88.8	88.8 88.6	88.8 88.8
≥ 3500 ≥ 3000	87.6	68 . B	8.88 6.68	88.8 88.8	88.6	88.8 88.8	88.8	88.8 88.8	58.8 88.8	88,8	88,8	88,8 88,8	88.8	88.8	88.8 88.8	88.8
≥ 2500 ≥ 2000	87.0	88.8	84.8	88.8	88.8 88.8	8 · 88	88.88	88 . 8 88 . 8	86 · 8	88.8	88,8	88.8 88.8	88.8	88.8	86.8	88.8
≥ 1800 ≥ 1500	91.0 73.3	93.3	97.8	93.3 97.8	93.3	93.3	93.3	93.3 97.8	93.3	93.3 97.8	93.3	93.3	93.3 97.8	93.3	97.8	93.3
≥ 1200 ≥ 1000	93.3	97.8	97.8	97.8	97.8	97.8 97.8	97.8 100.0	97.8 100.0	97.8 100.0	97.8 100.0	97.8 100.0	97.8	97.8 100.0	97.8 100.0	97.8 100.6	97.8 100.0
≥ 900 ≥ 800	93.3	97.8	97.8	97.R	97.8	97,8 97,8	100.0	100.0	100.0 100.0	100.0	100.0	100.0	100.0	100.0	100.0 100.0	100.0 100.0
≥ 700 ≥ 600	93.3	97.8	97.8	97.5	97.8 97.8	97.8 97.8	100.0	100.0	100 · 0 100 · 0	100.0	100.0	100.0	100.0 100.0	100.0	100.0	100.0 100.0
≥ 500 ≥ 400	93.3	97.F	97.8	97.5	97.8	97.8 97.8	100.0	100.0 100.0	100.0	100.0	100.0	100.0	100 · 0	100.0	100.0	100.0
≥ 300 ≥ 200	93.3	97.8 97.8	97.8 97.8	97.8	97.8	97.8 97.8	100.0	100.0	100.0 100.0	100.0	100.0	100.0	100.0	100.0		100.0
≥ 100 ≥ 0	43.3	97,8					100.0	100.0 100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

8

USAF ETAC JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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MATA PRICESSING MANCH MSAF ETAC AIR MEATHER MERVICES MA

CEILING VERSUS VISIBILITY

41413

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0.100-0500

CEILING							VIS	IBILITY (ST.	ATUTE MIL	ES)						
FEET	≥10	≥6	≥ 5	≥ 4	≥3	≥2'>	≥ 2	≥117	≥114	≥1	≥ 3/4	≥ ⅓	≥ '⁄2	≥ 5.16	≥ '4	≥0
NO CEILING ≥ 20000	٠. د · u	93,7	93.2	93.3	93.2	93.7	33.2	93.2	93.2	93.2		93,2	93.2	93,2	93.2	93.2
≥ 18000 ≥ 16000	55.0	93.2	93.2				_					•				93.2
≥ 14000 ≥ 12000	92.0	93.2	93.2			93.2							_			93.2 93.2
≥ 10000 ≥ 9000	92.0	93.7	73.2	93.2	93.2	93.2										93.2
≥ 8000 ≥ 7000	92.0	93.2	93.2	93.2	93.2	93.2			93.2		43.2	93.2			93.2	93.2
≥ 6000 ≥ 5000	92.0	97.2	93.2	93.2	93.2	93.2	93.2		93.2							93.2
≥ 4500 ≥ 4000	92.0	93.2	93.2	93.2	93.2	93.2	93.2	93.2					93.2		93.2	93.2
≥ 3500 ≥ 3000	92.0	93.2	93.2					93.2	93.2							93.2
≥ 2500 ≥ 2000	92.0	93.2			•					1	93.2					
≥ 1800 ≥ 1500	56.6	97.7	98.9	94.9	93.9	98.9	93.9	98.9	98.9	98.9	98.9		98.9	98.9	98.9	98.9
≥ 1200 ≥ 1000	91.7						100.0									
≥ 900 ≥ 800	97.7						100.0									
≥ 700 ≥ 600	97.7						100.0									
≥ 500 ≥ 400	97.1	98,9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300 ≥ 200	97.7 97.7	48.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100 ≥ 0	97.7	98.9	100.0	100.0	100.0	100.0	100.0	100,0	100.0	100.0	100.0 100.0	100.0	100.0	100.0	100.0 100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

5

USAF ETAC FORM OUT 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

4141 TIMIAN NAS MARIANA IS

A LLA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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CEILING							VIS	BILITY (ST	ATUTE MILI	ESi						
FEET	≥10	≥6	≥5	≥4	≥3	≥2'7	≥ 2	≥1 1/2	≥114	≥1	≥ ¾	≥ ⅓	≥ 1/2	≥5 16	≥ ′4	≥0
NO CEILING ≥ 20000	~4.Z	85.2	85.2	85.2	85.2	35.2	35.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.
≥ 18000 ≥ 16000	84.1	85.2	85.2	85.2 85.2	85.2	65.2	85.2	85.2 85.2	85.2	85.2 85.2	85.2 85.2	65.2 85.2	85.2	85.2 85.2	85.2 85.2	85.
≥ 14000 ≥ 12000	34.1 !4.1	85.2	85.2	65.7 65.7	85.2 85.2	65+2 55+2	85.2 85.2	85.2 85.2	85.2	85.2 85.2	85.2	85.2	85.2	85.2	#5.2 #5.2	85.
≥ 10000 ≥ 9000	84.1	85.2	72.2 45.2	85.2	85.2 85.2	65.2 85.2	85.2	85.2 85.2	85.2	85.2	85.2	85.2 85.2	85.2	85.2 85.2	85.2 85.2	85.
≥ 8000 ≥ 7000	34.1 84.1	65.2 65.2	85.2 85.2	85.2 d5.2	95.2 95.2	45.2	85.2	85.2	85.2	85.2 85.2	85.2	85.2	85.2 85.2	85.2 85.2	85.2	85.
≥ 6000 ≥ 5000	84.1	85.2	55.2 55.2	85.2 65.2	85.2	65.2 65.2	85.2 85.2	65.2 85.2	85.2	85.2	85.2 85.2	85.2 85.2	85.2	85.2	95.2 85.2	85. 85.
≥ 4500 ≥ 4000	14.1	85.2	85.2	85.2 85.2	85.2 85.2	35.2 5.2	85.2 85.2	85.2	85.2	85.2	85.2	85.2 85.2	85.2	85.2	85.2 85.2	85. 85.
≥ 3500 ≥ 3000	84.1	85.2	85.2 85.2	45.2	85.2	85.2	85.2	85.2	85.2 85,2	85.2	85.2	85.2	85.2	85.2	85.2 85.2	85. 85.
≥ 2500 ≥ 2000	44.1	85,2	45.2	85.7 65.7	85.2	45.2	85.2	85,2	87.2	85.2	85.2 85.2	85.2 85.2	85.2	85.2	85.2 85.2	85.
≥ 1800 ≥ 1500	92.0	98.9	93.2	93.2 98.9	93.2	93.2		93.2	98.9	93.2	98.9	93.2	98.9	93.2	93.2	93. 98,
≥ 1200 ≥ 1000	95.5 95.5	100.0	100.0	100.5	100.0	100.0	100.0		100.0	100.0	100.0		100.0	100.0	100.0	100.
≥ 900 ≥ 800	95.5	100.0	100.0	100.0	100.0	بتعينا	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.
≥ 700 ≥ 600	75.5	100.0	100.0	100.0	100.0	***	100.0	100,0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.
≥ 500 ≥ 400	95,5 95,5	100.0	100.0		100.0	100.0		100.0		100.0	100.0	100.0	100.0	100 • C	100.0	100.
≥ 300	95.5	1		100.0	100.0	100.0	100.0			100.0	100.0	100.0	100.0	100.0		100.
≥ 100 ≥ 0		100.0		100.0	100.0		100.0		100.0 100.0	100.0	100.0	100.0	100.0	100.0		100. 100.

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC 101 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

41413 STATION TIMININ NAS ALTALA IS

45

MONTH Y

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CAUC-1100

CEILING							VIS	IBILITY (ST	ATUTE MIL	ES)						
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥21-7	≥ 2	≥1½	≥14	≥1	≥ ⅓	≥ 1/8	≥ 1/2	≥5 16	≥ 1/4	≥0
NO CEILING ≥ 20000	75.0	75.0	75.0	75,0	75.U	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 18000 ≥ 16000	75.0 75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	—	75.0			75.0	75.0
≥ 14000 ≥ 12000	75.0 75.0	75.0 75.0	75.0	75.0 75.0	75.0	75.0 75.0	75.0	75.0 75.0	75.0 75.0	75.0	75.0 75.0		75.0	75.0 75.0	75.0 75.0	75.0
≥ 10000 ≥ 9000	75.0 75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0 75.0	75.0 75.0	75.0 75.0	75.0 75.0		75.0 75.0	75.0 75.0	75.0 75.0
≥ 8000 ≥ 7000	75.0 75.0	75.0 75.0	75.0 75.0	75.0	75.0 75.0	75.0	75.0		75.0 75.0	75.0 75.0	75.0	75.0	75.0	75.0	75.U 75.0	75.0 75.0
≥ 6000 ≥ 5000	75.0 75.0	75.0 75.0	75.0 75.0	75.0	75.0	75.0	75.0 75.0	75.0	75.0	75.0	75.0 75.0	75.0 75.0		75.0 75.0	75.0 75.0	75.0 75.0
≥ 4500 ≥ 4000	75.0	75,0	75.0 75.0	75.0 75.0	75.0	75.0 75.0	75.0	75.0 75.0	75.0 75.0	75.0 75.0	75.0 75.0	75.0 75.0		75.0	75.0	75.0 75.0
≥ 3500 ≥ 3000	75.0 75.0	75.0	75.0 75.0	75.0 75.0	75.0	75.0	75.0	75.0	75.0 75.0	75.0	75.0 75.0	75.0		75.0 75.0	75.0 75.0	75.0 75.0
≥ 2500 ≥ 2000	75.0 75.0	75.0 75.0	75.0	75.0 75.0	75.0	75.0	75.0 75.0		75.0 75.0	1	75.0	75.0 75.0	75.0 75.0	75.0 75.0	75.0	75.0 75.0
≥ 1800 ≥ 1500	95.5 100.0		95.5 100.0	95.5 100.0		95.5 100.0	100.0				95.5 100.0	95.5 100.0	95.5	95.5 100.0	95.5 100.0	95.5 100.0
1 = ::::	100.0		100.0		100.0 100.0						100.0			100.0	100.0 100.0	100.0 100.0
T 111	100.0	100.0	100.0	100.0	100.0 100.0	100.0	100.0	100,0	100.0	100.0	100.0	100.0		100.0	100.0	100.0
	100.0	100.0	100.0	100.0	100.0	100,0	100.0	100,0	100.0	100.0	100.0					
≥ 400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0		100.0
≥ 200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100,C		100.0
≥ 100 ≥ 0	1				100.0						1			• .	100.0 100.0	_

TOTAL NUMBER OF OBSERVATIONS...

61

USAF ETAC | FORM | UL 64 | 0-14-5 (OL 1) | PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING TRANSH USAF ETAC AIR WEATHER SERVICE/MAG

CEILING VERSUS VISIBILITY

41413

TIMIAN WAS MAHIANA IS

45

VEARS

WONTH V

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400

CEILING							VIS	IBILITY (ST	ATUTE MIL	ES)						
IFEET!	≥10	≥6	≥5	≥ 4	≥ 3	≥ 217	≥2	≥11⁄2	≥1%	≥1	≥ 1/4	≥ 5/8	≥ ⅓	≥ 5 16	≥ ′₄	≥0
NO CEILING ≥ 20000	75.0		76.1	76.1	76.1	76.1	76.1	76,1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 18000 ≥ 16000	75.U		70 · 1	75.1 75.1	70.1 70.1	76.1 76.1	76.1	76.1 76.1	70.1	75.1 75.1	76.1 76.1	76.1 76.1	76.1 76.1	75.1 76.1	76.1	76.1 76.1
≥ 14000 ≥ 12000	75.0	76.1	70.1	76.1 76.1	70.1 75.1	76.1	76.1 76.1	76.1 76.1	76.1	76.1	76.1	76.1 76.1	76.1	76.1 76.1	76.1	76.1 76.1
≥ 10000 ≥ 9000	75.0	76.1	70.1 75.1	75.1 76.1	76.1	76.1	76.1	76.1 76.1	76.1 76.1	76.1 76.1	76.1 76.1	76.1 76.1	76.1	76.1 76.1	76.1	76.1 76.1
≥ 8000 ≥ 7000	75.0 75.0		76.1 70.1	76.1 76.1	70.1	76.1 76.1	76.1 70.1	76,1 76,1	70.1 76.1	75.1	76.1 76.1	76.1 76.1	76.1 76.1	76.1 76.1	76.1	76 • 1 76 • 1
≥ 6000 ≥ 5000	75.0	76.1 75.1	70.1 70.1	76.1 76.1	76.1	75.1 76.1	76.1 76.1	76.1 76.1	76.1	76.1 76.1	76.1 76.1	76.1 76.1	76.1 76.1	76.1 76.1	76.1	76.1 76.1
≥ 4500 ≥ 4000	75.U	76.1 76.1	70.1	76.1	76.1	76.1	76.1	76.1 76.1	76.1	76.1 76.1	76.1 76.1	76.1	76.1 76.1	76.1 76.1	76 · 1	76.1 76.1
≥ 3500 ≥ 3000	75.0	76.1 76.1	70.1	76.1	76.1	76 • 1 76 • 1	76.1	76.1 76.1	76.1 76.1	76.1 76.1	76.1 76.1	76.1 76.1	76.1 76.1	76.1 76.1	76.1 76.1	76.1 76.1
≥ 2500 ≥ 2000	75.0	76.1	70.1	76.1	76.1	76.1 76.1	76.1	76.1 76.1	76.1	75.1 76.1	76.1 76.1	76.1 76.1	76.1	76.1 76.1	76.1	76.1 76.1
≥ 1800 ≥ 1500	71.7	95.5 95.9	95.5 96.9	95.5 98.4	95.5	95+5 98+9	95.5	95+5 98+9	95.5		95.5	95.5	95.5		95.5 95.9	95.5 98.9
≥ 1200 ≥ 1000	97.7	_			100.0 100.0		100.0			100.0						100.0
≥ 900 ≥ 800	97.7 57.7	100.0	100.0	100.0	100.0	100.0		100.0								100.0
≥ 700 ≥ 600	47.7	100.0	100.0	100.0	100.0 100.0	100.0	100.0	100•0 100•0	100.0	100.0	100.0	100.0	100.0			
≥ 500 ≥ 400	97.7	100.0	100.0	100.0	100.0 100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0
≥ 300 ≥ 200	97.7	100.0	100.0	100.0	100.0 100.0	100.0	100.0	100,0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100 ≥ 0	97.7	100.0	100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0	100.0 100.0	100.0	100.0 100.0	100.0 100.0	100.0	100.0	100.0 100.0	100.0 100.0	100.0 100.0

TOTAL NUMBER OF OBSERVATIONS

ня

USAF ETAC $^{\text{FORM}}_{\text{BJL 64}} = 0.14.5 \, (OL~1)$ previous editions of this form are obsolete

MATA PROCESSING MANCH SAF ETAC WIR REATIES SERVICES MC

CEILING VERSUS VISIBILITY

41413

TIME HAS LARIANA IS

4 K

WONTH V

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1450-1700

						VIS	IBILITY (ST	ATUTE MIL	LES+						
≥10	≥6	≥ 5	≥ 4	≥ 3	≥21/2	≥ 2	≥117	≥1%	≥1	≥ 1,4	≥ 5/8	≥ 17	≥ 5 16	≥ .	≥0
53.4	y3.2	93.2	93.7	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.
93.2 93.2	93.7	93.2		93.2	93.2				3 - a · .						93,
43.2	93.Z	93.2			93.2	93.2	93.2	93.2							93.
93.2	93.2 93.2		-		93.2	93.2	1	93.2	93.2			1	93.2	93.2	93.
93.2	93.2		93.2	93.2	93.2	93.2		93.2	93.2	93.2	93.2	93.2	93.2	93.2	93
93.2	93.2	93.2	93.2	93.2	93.2	73.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93
53.2	93.2	93.2	93.2	93.2	93.2	73.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93
	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	73.2	93.2	93.2	93.2	93.2	
93.2	93.2	93.2		93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93
	l			98.9	99.9	98.9	98.9	98.9	96.9	96.9	98.9	98.9	98.9	98.9	98
100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100
100.0	100.0	100.0	100.0	100.0	100.0	100.0	100,0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100
100.0	100.0	100.0	100.0	100.0	100.0	100.0	100,0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100
100.0	100.0	100.0	100.0	100.0	100.0	100.0	100,0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100
100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100
100.0	100.0	100.0	100.0	100.0	100.0	100.0	100,0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100
	93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2	93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2	93.2 93.2 93.2 93.2 93.7 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 100.0100.0100.0100.0100.0100.0100.010	93.2 93.2 93.2 93.2 93.2 93.7 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2	93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2	93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2	93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2	53.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2	93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2	93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2	93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2	53.4 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2	93.4 93.7 93.4 93.7 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2	93.4 93.7 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2	93.4 93.7 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2

TOTAL NUMBER OF OBSERVATIONS

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USAF ETAC FORM OLI 44 0-14-5 (OL 1) PREVIOUS EXITEINS OF THIS FORM ARE OBSOLETE

CATA PRECESSING TRANCHUSAF ETAC

CEILING VERSUS VISIBILITY

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VHYNG.

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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CEILING							VIS	IBILITY ISTA	ATUTE MILE	ESI						
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2'7	≥ 2	≥1′9	≥114	≥1	≥ 3,4	≥ 1/8	≥ 17	≥ 5 16	≥ '.₄	≥0
NO CEILING ≥ 20000	2444	74,4	94,4	94.4		94.4		94,4	94.4				94.4	94.4	94.4	
≥ 18000 ≥ 16000	94.4	94.4	74.4	94.4	94.4		<u></u>	94.4	94.4		74.4	94.4	94.4	94.4		94.4
≥ 14000 ≥ 12000	94.4	94.4	94.4		94.4	94.4	94.4	94.4	94.4	94.4	94.4 94.4	94.4	94.4	94.4	94.4	94.4
≥ 10000	94.4 94.4	94.4	94.4		7, 4, 1		94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4		94.4
≥ 8000 ≥ 7000	94.4 94.4	94.4	94.4		94.4	94.4	94.4		94.4	94.4	94.4		94.4	94.4	94.4	94.4
≥ 6000 ≥ 5000	94.4	94.4	94.4		94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 4500 ≥ 4000 ≥ 3500	94.4	94.4	94.4	94.4	94.4	94.4	94.4 54.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 3000	υ 4 . 4	94.4	9404	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 2500 ≥ 2000 ≥ 1800	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 1500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100,0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.C
_	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	100.0	100.0	100.0	too.n	100.0	100.0	100.0	100,0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	100.0															
≥ 100	100.0															
≥ 0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC 101.64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE ASSISTED

MATA PROCESSIBL MARAGOMISAL ETAC MIR MEATHER SERVILE/MAC

CEILING VERSUS VISIBILITY

41413 STATION PI AMAINE CAN SAILLIT

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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CEILING							VIS	IBILITY ST	ATUIE MIL	ES-						
.FEET-	≥10	≥6	≥ 5	≥ 4	≥3	≥2.	≥ 2	≥1.	د 1 خ	≥1	≥ 14	≥ ' 8	≥ ∵	≥ 5 16	≥ .	20
NO CEILING ≥ 20000	∌ ⊊ ,9	91.0	91.0	91.7	91.0	91.0	41.0	91.0	91.0	91.0	91.0	91.0	\$1.d	91.0	91.0	91.0
≥ 18000 ≥ 16000	59.9 9.9	91.0 91.0		91.0 91.0			91.0		91.0			91.0 91.0	91.0	- 1	91.0 91.0	91.d
≥ 14000 ≥ 12000	39.9	91.0 91.0	91.0	91.0 91.0		91.0	91.0	91.0		91.0	91.0	91.0	91.0	91.0 91.0	91.0	91.0
≥ 10000 ≥ 9000	9.9	91.0 91.0	47.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0			91.c	91.0	91.0 91.0
≥ 8000 ≥ 7000	49.9	91.0 91.0	91.0	91.0	91.0	91.0	91.0	91.0		91.0	91.0		91.0	91.0	91.0	91.0
≥ 6000 ≥ 5000	49 .9 69 .9	91.0	91.0	91.0 91.0	91.0	91.0		91.0		91.0	91.0		91.0 91.0		91.0	
≥ 4500 ≥ 4000	39.9	91.0	91.0	91.0	91.0	91.0	31.0	91.0		91.0	91.0	91.0		91.0	91.0 91.0	91,0
≥ 3500 ≥ 3000	29.9	91.0	91.0	91.0		91.0	91.0	91.0	91.0	91.0	91.0		91.0		91.0 91.0	91.0
≥ 2500 ≥ 2000	9.9		91.0	91.0	91.0	91.0		91.0	91.0	71.0	91.0	91.0	61.0	91.0		91.0
≥ 1800 ≥ 1500	93.3	96.6 98.9	100.0	ານຕຸກ	100.0	96.6 100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	96.6 100.6	100.0
≥ 1200 ≥ 1000	93.3	93,9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900 ≥ 800	73.3	98,9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700 ≥ 600	93.3	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500 ≥ 400	93.8	94,9	100.0	100,0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300 ≥ 200	93.3	99.9	700 *0	100.0	100.0	100 °C	100.0	100.0	100.0	100.0	100.0 100.0 100.0	100.0	100.0	100.0	100.0	100.0
≥ 100 ≥ 0	93,4										100.0					

TOTAL NUMBER OF OBSERVATIONS

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USAF ETAC FORM BULGA 0-14-5 (OL 1) PREVIOUS TO 1 MAY DE THIS FORM ARE OBSCIDETE

PATA PROCESSION CHARGE SSAF ETAC AIR "EAT DER SERVICEY CO

CEILING VERSUS VISIBILITY

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200

CEILING							VIS	IBILITY STA	ATUTE MIL	ES						
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2 .	≥ 2	≥1.	≥1'.	≥1	≥ %	≥ %	≥ ,	≥ 5 16	≥ ',	≥0
NO CEILING ≥ 20000	10.0	86.0	Po.U	66.7	Boeil	86.0	Po.U	86.0	86.0	86.0	56 • g	86.0	86+0	86.0	A6.0	86.0
≥ 18000 ≥ 16000	35.U	86.0 56.0	₹5.0 20.0	36.0 86.0	86.0 86.0	46.0	80.0 80.0		86.0	8/.0 8/.0	86.0	86.0	86.0		*6.0	86.0
≥ 14000 ≥ 12000	1:5.0 40.0	86.0 86.0	₽0•0 50•0	0.00 0.00	86.0	86.0 86.0	86.0 86.0	85.0	80.0 86.0	36.0		86.0	86.0		76.U	86.0
≥ 10000 ≥ 9000	36.0 ''∪.∪	86.0 85.0	0 0 0 0 0 0	&A.0 ⊌A.0	86 • O	66.0 86.0	86.0		80.0 80.0	86.0 0.48	96.0 96.0	86.0 86.0	86.0		86.0	86.0
≥ 8000 ≥ 7000	40.0	85.0	80.00 80.00	86.0 6.08	86.0 86.0	35.0 86.0	86.0	85.0	86.0 86.0	86.0	86.0 86.0	85.0	86.0	86.0	86.0	86.0
≥ 6000 ≥ 5000	50.0 Ho.∪	86.0	e0.0	86.0	80.0	66.0 66.0	86.0 86.0	86.0	86.0 86.0	86.0	86.0	86.0 86.0	86.0	86.0	P6.0	86.0
≥ 4500 ≥ 4000	6.0	66.0 66.0	40.0	86.0	80.0 86.0	66.C	86.0 85.0	86.0	86.0	86.0	86.0		56.0 56.0	64.0	86.0	86.0 86.0
≥ 3500 ≥ 3000	6.0	86.0 86.0	96.0	86.0 86.0	86.0	86.0	80.0	96.0	86.0 86.0	0.08 0.38	86.0	86.0	86.0	86.0	86.0 86.0	86.0
≥ 2500 ≥ 2000	9.0	86.0	86.0	85.0			80.0	\$6.0		84.0		86.0	86.0		86.0 86.0	86.0
≥ 1800 ≥ 1500	27.8 100.0	97.8 100.0	97.8 100.0	97.3 100.0	97.3 100.0	100.0	97.8	100.0	100.0	100.0	100.0	100.0	100.0	100.c	97.8	100.0
≥ 1200 ≥ 1000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	loo.o
≥ 900 ≥ 800 ≥ 700	100.0	100.0	100.0	100.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	100.0	100.0	700.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	ing.of	100.0
	100.0	100.0	100.0	100,1	100.0	100.0	100.0	100,0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100 c
≥ 200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100,0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	100.0															

TOTAL NUMBER OF OBSERVATIONS

93

USAF ETAC DE 0-14-5 (OL 1) PREVIOUS EL TONO OL A DERINAPE ORIGINETE

VIN MEVIMES SELVICENTAL TAVEL

CEILING VERSUS VISIBILITY

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0420-0500

CEILING							VIS	IBILITY 'ST	ATUTE MIL	ES.						
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2 ;	≥ 2	≥1′2	≥114	≥1	≥ 4	≥ >8	≥ ;	≥ 5 16	≥ '.	≥0
NO CEILING ≥ 20000	يا وي ال	82.8	H2.8	47.7	82.8	82.0	82.8	82.8	R2.8	82.8	82.8	82.8	ρ ₂ . 8	82.8	82 s ô	82.8
≥ 18000 ≥ 16000	72.8	62.8	82.0	82.4	82.8	82+9 82+8	92.8 82.8	82.8	82.8				92.8 82.8	82.8		
≥ 14000 ≥ 12000	82.8	62.8 82.8	42.8	#2.8	82.8	82 • 8	82.8 82.8	82.8		67.8		82.P	82.8	82.8 82.8	82.6 82.6	
≥ 10000 ≥ 9000	7.9	57.8	82.8	82.B	82.8	62.8 62.8	82.8	87.4	8.56	82.8	82.8			82.8	82.8	82.8
≥ 8000 ≥ 7000	74.5	82.B	82.8	82.0	82.6	82 + P	82.8	82.8	82.8	82.8		82.9	82.8	82.8 82.8	82.8	82.8
≥ 6000 ≥ 5000	F2.8	62.1	82.0	02.8	12.0	82.8 82.8	82.8 82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 4500 ≥ 4000	. 5 . 9	62.8		82.8	82.8	82.P		82,3	82.8	82.8	92.8	82.5	82.8	82.8	82.8	
≥ 3500 ≥ 3000	12.6 12.6	62,7	52.8 52.8	82.1	82.8	82.8		82.8		82.8	82.8	82.8 82.8			82.0	82.8
≥ 2500 ≥ 2000 ≥ 1800	92.5	62.8	82.5 82.5	32.8	82.E	87.8 87.8 94.6	82.8 82.5	82.8	82.8	87.8	M2.8	82.5 94.5	82.8 82.8 94.6	-		82.8
≥ 1800 ≥ 1500 ≥ 1200	97.8	100.0	100.0	ton.o	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0			100.0
≥ 1000	77.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0
≥ 800	97.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0			100.0	100.0
≥ 600	97.8	100.0	100.0	100.0	100.0	100.0	100,0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	97.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100,0
≥ 100	97.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0					100.0											

TOTAL NUMBER OF OBSERVATIONS

93

USAF ETAC 101.04 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSORETE

CATA PROCESSING TRANSMISSAM ETAC AIR MEATMER SERVICE/MAC

CEILING VERSUS VISIBILITY

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0990-9890

CEILING							VIS	IBILITY (STA	ATUTE MIL	ES,						
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2 ;	≥ 2	≥112	≥1 ₁	≥1	≥ 1,4	≥ %	≥ '2	≥5 16	≥ .	≥0
NO CEILING ≥ 20000	10,5	/n . 5	710.5	78.5	78.5	78,5	74.5	78,5	76,5	75.5	78,5	73.5	78.5	78.5	78.5	78.5
≥ 18000 ≥ 16000	70.5	78.5 78.5	78.5 78.2	78.5	78.5 76.5	78.5	70.5 78.5	79,5	78.5	72.5	78.5	78.5	78,5			79.5
≥ 14000 ≥ 12000	76.5 78.5		7d.5	76.5 78.5		79.5 79.5	76.5	78,5	78.5	74.5	78.5	78.5	76.5	78.5	78.5 78.5	78.5 78.5
≥ 10000 ≥ 9000	78.5	78.5		78.5	75.5	75.5	76.5	78.5	78.5 78.5	78.5	78,5	78.5	74.5	77.5	78.5	78.5
≥ 8000 ≥ 7000	78.5	74.5	78.5	78,5	78.5 78.5	78.5	70.5		78.5 78.5	78.5	78,5	78.5	78,5	78.5	78.5	78.5
≥ 6000 ≥ 5000	78,5	78,5	78.5	78,4 78,4	78.5	78.5	76.5	73.5	78.5	74.5	78.5		78.5	78.5		78.5
≥ 4500 ≥ 4000	78.5	78,5	78.5 78.5	78,5	76.5 70.5	78.5 78.5	70.5 70.5 70.5		78.5 78.5	7% . 5	78,5	78.5		78,5	78.5 78.5 78.5	78,5
≥ 3500 ≥ 3000 ≥ 2500	73.3	73.5	78.5	78.5	70.5	78.5	70.5	7H 5	78.5 78.5	77.5	78.5	78,5		78.5	76,5	78.5
≥ 2000 ≥ 2000 ≥ 1800	79.0		79.6			79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.0	79,6
≥ 1500	94 5 70 8	97.8	97.8	47.3		97.8	97.8	97.8	97.8	97,8	97.8	97.4	97.8	97.8		97.8
≥ 1000	45.8	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	140.0	100.0	100.0	100.0	100.0	
≥ 800					100.0										100.0	
≥ 600	96.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100 · C	100.0	100.0
≥ 400	90.8	100.0	100.0	100.0	100.0	100.C	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	90.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100 -C	100.0	100.0
≥ 0	70.5	100.0	100.0	70u*0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	r00.0	100.0	100.0	100.0	100 € C

TOTAL NUMBER OF OBSERVATIONS

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USAF ETAC FORM ARE OBSOLETE

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

C4C0-1100

CEILING							VIS	IBILITY (STA	ATUTE MILI	ES)						
FEET	≥10	≥6	≥ 5	≥ 4	≥3	≥212	≥ 2	≥112	≥14	≥1	≥ 3/4	≥ %	≥ '7	≥ 5 16	≥ '4	≥0
NO CEILING ≥ 20000	10.0	80.4	30.0	₫Q.6	3v.0	90.6	9v.6	80.6	80.6	80.6	80.6	80.0	80.6	80.6	BC.c	80.6
≥ 18000 ≥ 16000	"0.6	ზ0•ტ მ0•ტ	80.0 80.0	80.6 60.6	80.0		80.6 80.6		80.6 80.6		80.6 80.6	90.6				
≥ 14000 ≥ 12000	40.0 0.0	80.5 80.6	80.0		80.0	30.6	. •••	-	80.6			80.5				
≥ 10000 ≥ 9000	50.6 30.8	60.0	80.0	•	50.6	80.6	90.6	80.5	80.6	80.6	80.6		80.6		80.6	80.0
≥ 8000 ≥ 7000	ਰਹ•ਹ 30•ਰ	80.6	80.0	4,00	90.6	80.6	PU.6	80,6	80.6	80.6			80.6			80.6
≥ 6000 ≥ 5000	0.0 50.0	80.6	80.6	80.6	90.6	80.6	HU.6	80,6	PO.6	80.6	80.6		80.6	80.6	80.6	80.6
≥ 4500 ≥ 4000	60.0	80.6		80.6		80.5	80.0	80.6	80.6	80.6	80.6		80.6		80.6	80.6
≥ 3500 ≥ 3000	70.0	80.6 80.6	80.6 60.8	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.0		80.6		80.6	60.6
≥ 2500 ≥ 2000	40.0	60.5	80.5	80.6	90.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 1800 ≥ 1500	9000	93.5		93.5	93.5	93.5	93.5	93,5	93.5	93.5		93.5	93.5	93.5	93.5	93.5
≥ 1200 ≥ 1000	70.a	100+0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
≥ 900 ≥ 800	20.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700 ≥ 600	95.5	ton • o	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500 ≥ 400	96.3	100.0	100.0	100.0	100.0	100.0	100.0	100,0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300 ≥ 200	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100,0
≥ 100 ≥ 0	90.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

93

USAF ETAC FORM IN 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING TRANCH ISAF ETAC AIR MEATMER TERVICEZMOC

CEILING VERSUS VISIBILITY

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400

CEILING							VIS	BILITY (ST	ATUTE MIL	ESI						
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2 :	≥ 2	≥115	≥14	≥1	≥ ¼	≥ 7.8	≥ ',	≥ 5 16	≥ '.	≥0
NO CEILING ≥ 20000	73.1	73.1	73.1	73.1	73.1	/3.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 18000 ≥ 16000	73.1 73.1		73.1	73.1 73.1	73.1	73.1	73.1	73.1 73.1			73.1 73.1	73.1 73.1	73.1 73.1	73.1 73.1	73.1	73.1 73.1
≥ 14000 ≥ 12000	73.1	73.1	73.1 73.1	73.1 73.1	73.1		73.1	73.1 73.1	73.1	73.1	73.1 73.1	73.1	73.1 73.1	73.1	73.1 73.1	73.1 73.1
≥ 10000 ≥ 9000	73.1 13.1	73.1	73.1	73.1 73.1	73.1 73.1	73.l 73.1	73.1	73.1 73.1		73.1	73.1 73.1	73.1	73.1 73.1	73.1 73.1	73.1 73.1	73.1 73.1
≥ 8000 ≥ 7000	73.1	73.1 73.1	73.1 73.1	73.1 73.1	73.1	73.1 73.1	73.1	73.1	73.1	73.1	73.1	73.1 73.1	73.1 73.1	73.1	73.1	73.1 73.1
≥ 6000 ≥ 5000	73.1	73.1 73.1	73.1	73.1 73.1	73.1	73.1 73.1	73.1	73.1 73.1	73.1	73.1	73.1	73.1 73.1		73.1 73.1	73.1 73.1	73.1 73.1
≥ 4500 ≥ 4000	73.1 73.1	73.1 73.1	73.1 73.1	73.1	73.1 73.1	73.1	73.1 73.1	73.1 73.1	73 · 1 73 · 1	73.1 73.1	73.1 73.1	73.1 73.1		73.1	73.1 73.1	73.1 73.1
≥ 3500 ≥ 3000	73.1	73.1 73.1	73.1	73.1 73.1	73.1	73.1 73.1	73.1	73.1 73.1	73.1	73.1 73.1	73.1	73.1 73.1	73.1 73.1	73.1 73.1	73,1 73,1	73.1 73.1
≥ 2500 ≥ 2000	73.1	73.1 73.3	73.1	73.1	73.1	73.1 73.1	73.1	73.1 73.1	73.1	73.1	73.1	73.1 73.1	73.1 73.1	73.1 73.1	73.1 73.1	73.1 73.1
≥ 1800 ≥ 1500	95.7 95.7	95.7 95.7	95.7 95.7		96.8	96.0	46.8	96.5	96.8	96.8	96.8	96.8	96.8	90.8	96.8	95.8
≥ 1200	95.9	98.9 98.9	98,9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900 ≥ 800	98.9	98,9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700 ≥ 600	20.9	90,9	98.9	100.0	100.0	100.0	100.0	100,0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500 ≥ 400	98.9	97.9 98.9	98.9	100.0	100.0	100.0	100.0	100,0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300 ≥ 200	95.9	98,9	90,9	100.0	100.0	100.0	100.0	100,0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100 ≥ 0	98.9														100.0 100.0	

TOTAL NUMBER OF OBSERVATIONS

9

USAF ETAC FORM 01164 0-14-5 (OL 1) PREVIOUS ELIT ONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING *KAGGG USAF ETAC AIR *EATUER SERVICE/*AC

CEILING VERSUS VISIBILITY

41413 STATION TITIAN NAS HARTANA IS

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700

CEILING							VIS	BILITY (ST)	ATUTE MIL	ES)						
FEET	≥10	≥6	≥5	≥ 4	≥ 3	≥2 -7	≥2	≥1'7	≥11,	≥1	≥ 1/4	≥ %	≥ 1⁄2	≥ 5 16	≥ '4	≥0
NO CEILING ≥ 20000	77.4	77.4	77,4	77.4	77.4	77,4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 18000 ≥ 16000	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 14000 ≥ 12000	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 10000 ≥ 9000	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 8000 ≥ 7000	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 6000 ≥ 5000	77.4	77.4	77.4	77.4	77,4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 4500 ≥ 4000	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77,4
≥ 3500 ≥ 3000	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 2500 ≥ 2000	17.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77,4	77.4	77,4
≥ 1800 ≥ 1500	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0
≥ 1200 ≥ 1000		100.0	100.0	100.0	100.0	100.0	100.0	100,0	100.0	100.0	100.0	100.0	100.0	100.0		100.0
≥ 900 ≥ 800	100.0	100.0	100.0	lun.n	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0
≥ 700 ≥ 600 > 500	100.0	100,0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100,0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	100,0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100,0	100,0	100.0	100.0	100.0	100,0	100.0	100.0
≥ 300 ≥ 200 ≥ 100	100.0	100,0	100,0	100.0	100.0	100.0	100,0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 00											100.0					100.0

TOTAL NUMBER OF OBSERVATIONS

9

USAF ETAC JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1400-4000

CEILING		-					VIS	IBILITY (ST.	ATUTE MILI	E5)						
FEET	≥ 10	≥6	≥ 5	≥ 4	≥ 3	≥2'⊽	≥ 2	≥11/2	≥1%	≥1	≥ ⅓4	≥ >/8	≥ 7	≥ 5 16	≥ ,	≥0
NO CEILING ≥ 20000		85.0	94	86.0	86.0	66.0	A6.0	85.0	86.0	84.0	86.0	14.4 .	86.0	34.0	86.0	84.0
≥ 18000	0.0	86.0		84.7	10.0	86.0	80.0		80.0	86.0			86.0		86.0	86.0
≥ 16000	50.0	66.0	"0.0	86.0	80.0	86,9	86.0		86,0		86.0		86.0	86. a	86.0	86.0
≥ 14000	50.0	86.0	85.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	46.0	86.0	86.0	_	90.0	86.0
≥ 12000	Po.Q	86.0	P to • O	46.0	86.0	86.0	86.0	86.0	86.0	85.0	36.0	86.0	86.0	85.0	46.0	86.0
≥ 10000	66.0	86.0	80.0	65.0	85.0	06 . C	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86 . O	86.0
≥ 9000	15.0	66.0	86.0	ಟಿಕ್ಕಿ೧	86.0	_86 ₀ 0	80.0	86,0	86.0	85.0	86.g	86.0	96.0	86.0	86.0	86,0
≥ 8000	P6.0	86.0	36.0	86.0	86.0	65.0	96.0	86.0	A6.0	සීර•೧	86.Q		86.0	86.0	86.0	86.0
≥ 7000	K 5 . 0		_		86.0	86.0	80.0	86,0	96.0				86.0	86.0	P6 • 0	86.0
≥ 6000	E6.0				56.0	86.0	80.0	86.0	86.0	86.0			86.0	86.0	86.0	86.0
≥ 5000	30.0						86.0		86.0			86.0	86.0	86.0	86.0	86.0
≥ 4500	50.U	,		•			86.0	86.0	86.0	86.0			86.0	86.C	86.0	86.0
≥ 4000	H6.0			36.0			16.0						86.0		26.0	86,0
≥ 3500	70.0	86.0		86.0	96.0	36.0	86.0	86,0	86.0	84.0	86.0		86.0	86.0	76.0	86.0
≥ 3000	******			46.7	86.0		86.0				46.0		80.0	86.0	R6.0	86.0
≥ 2500 ≥ 2000	70.0	•	90.0	86.0	86.0	86.0	75.0		86.0	86.0			86.0	86.0	80.0	86.0
	*6.0	86.0					86.0						86.0		86.0	86.0
≥ 1800 ≥ 1500	100.0				100.0									100.0		
														100.0		
≥ 1200					100.0						1			• 1	100.0	1
					100.0									100.0	100.0	
≥ 900 ≥ 800														100.0		
					100.0										100.0	
≥ 700 ≥ 600														100.0		
<u> </u>														100.0		
_	i –													100.0		-
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L												-5050	20010			- 40 4 (1)

TOTAL NUMBER OF OBSERVATIONS ___

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USAF ETAC JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300

CEILING	-						VIS	IBILITY (ST.	ATUTE MIL	ES)						-
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥ 2 ¹ 7	≥ 2	زاا≤	≥154	≥1	≥ 3/4	≥ 5/8	≥ 1/2	≥ 5.16	≥ 4	≥0
NO CEILING ≥ 20000	80.2	88.2	8៩.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	86.2	88.2	88.2
≥ 18000 ≥ 16000	68.2	88.2 48.2	88.2 88.2	88.7	98.2	88.2	88.2 85.2		86.2	88.2			88.2	88.2		
≥ 14000 ≥ 12000	88.2	88.2	58.2	88.2 88.2	88.2		88.2	\$8.2 88.2	88.2	89.2	88.2	88.2 88.2	98.2 88.2	88.2 88.2	88.2	
≥ 10000 ≥ 9000	88.2 88.4	88.2 68.2	88.2 88.2	88.2 88.2	88.2		88.2	89,2 88,2	88.2	88.2 88.2	88.2 88.2	88.2	88.2	88.2	88.2	88,2
≥ 8000 ≥ 7000	86.2	88.2 68.2	58.2 88.2	88.2	88.2		88.2 88.2	88.2	88.2	88.2	88.2	88.2 88.2	88.2	88.2	88.2 86.2	80.2
≥ 6000 ≥ 5000	88.2 88.2	88.2	88.2 88.2	88.2 68.2	88.2	88.2 88.2	86.2	88.2 88.2	88.2	88.2	88.2 88.2	88.2	88.2	88.2	88.2 88.2	88.2
≥ 4500 ≥ 4000	80.Z	88.2	8d • 2	88.2 88.2	88.2	88.2 88.2	88.2	88.2	88.2	88.2 88.2	88.2 88.2	88.2	88.2	88.2 88.2	88.2 88.2	88.2 88.2
≥ 3500 ≥ 3000	80.2	88.2 88.2	88.2 88.2	38.7 38.7	88.2 88.2	88.2	89.2 88.2	88.2	88.2	88.2 88.2	88.2	88.2 88.2	88.2 88.2	88.2 88.2	88 • 2 88 • 2	86.2 88.2
≥ 2500 ≥ 2000	88.2 20.2	88.2 68.2	88.2	88.2	88.2	88.2	88.2 88.2	88.2	88.2	89.2	58.2	88.2	88.2	88 • 2 88 • 2	58+2 88+2	88.2 88.2
≥ 1800 ≥ 1500	90.9	98.9 100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	98.9 100.0	98.9 100.0	98.9 100.0	98.9 100.0	98.9 100.0	98.9 100.0
≥ 1200 ≥ 1000	98.9	100,0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0	100.0	100.0
≥ 900 ≥ 800	98.9	100.0			100.0	100.0		100.0	100.0	100.0	100.0	100.0	100 • 0 100 • 0	100.0	100.0	100.0
≥ 700 ≥ 600	90.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	_ , , ,	100.0		100.0	100.0	100.0	100.0	100.0
≥ 500 ≥ 400		100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100,0
≥ 300 ≥ 200	78.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0			100.0	100.0	100.0	100.0
≥ 100 ≥ 0	1		100.0		100.0	100.0		100.0				100.0	700 • 0		100.0	100.0

TOTAL NUMBER OF OBSERVATIONS......

USAF ETAC 101.04 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

PART D DATA NOT AVAILABLE

SKY COVER

This summary is prepared from hourly observations and is a percentage frequency distribution of total sky cover by tenths, plus mean sky cover, and total number of observations. It is presented in two tables as follows:

- 1. By month and annual all hours and all years combined.
- 2. By month by standard 3-hour groups.
- NOTE: #1: Sky cover (total cloud amount) was not reported by U. S. Services until mid 1945. Data, when available, were punched for Air Force stations beginning in 1946, but were not available for Navy stations until 1948 or 1949. Weather Bureau stations recorded total cloud amount in remarks beginning sometime in 1945, but few stations have punched data prior to 1948. This summary will, of course, be limited to period of available data.
- NOTE: # 2: Some sources of punched data used for this summary report cloud amounts in oktas. These have been converted to tenths prior to summarizing, and notation is made on the form to indicate that data were originally reported in oktas. The manner of conversion is given below:

<u>OKTAS</u>	•	TENTHS
0		0
1		1
2	•	3
3		4
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DATA PROCESSING DIVISION ETAC/USAF AIR WEATHER SERVICE (MAC) ASHEVILLE, NORTH CAROLINA

PART E

PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dev points, and relative humidity. The order and manner of presentation follows:

- 1. <u>Cumulative percentage frequency of occurrence</u> derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviation, and total number of observations in three separate tables as follows:
 - a. Daily maximum temperature
 - Daily minimum temperature
 - c. Daily mean temperature
- 2. Extreme values derived from daily observations with extreme value given for each year and month of record available. Extremes are provided for a month if all days for a month contain valid observations. All months for a year must have valid extremes before the ANNUAL value is selected for that year. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extreme temperatures are prepared:
 - a. Extreme maximum temperature

NOTE: A supplementary list also provides extreme temperatures

b. Extreme minimum temperature when less than a full month is reported.

Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature. This tabulation is derived from hourly observations and is presented by month and annual, all hours and all years combined. The following information is provided:

a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature vertically. Also provided for each dry-bulb temperature interval is the percentage of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may require two pages in some cases.

NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.

- b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares $(\sum X^2)$, sums of values $(\sum X)$, means (\overline{X}) , and standard deviations (σx) . The number of observations used in the computations for each element is also shown.
- c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulations by month.
 - NOTE: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.
- 4. Means and standard deviations These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years available are combined. Tables are prepared for the following:
 - a. Dry-bulb temperature
 - b. Wet-bulb temperature
 - c. Dew-point temperature
- 5. Cumulative percentage frequency of occurrence of relative humidity This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.
 - a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.
 - b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

DATA PROCESSING BRANCH
USAF ETAC
AIR "EATHER SERVICE/MAC
41413 TINIAN NAS MARIANA IS

DAILY TEMPERATURES

45-46

YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM DAILY OBSERVATIONS)

MUMIXAM

TEMP (PF)	JAN.	FEB	MAR	APR	MAY	JUN.	JUL	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
90 85 80	80.6 100.0	57.1 100.0					96,8 100,0	3.2 90.3 100.0	3.3 83.3 100.0	83.9	90.0	90.3	84, 100.
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MEAN	85.0 1.169	1.297			•	<u> </u>	1.238	1,839	1.978	2.000	86.1	1.032	1.6
S D	31	28					31	31	30	31	30		74
TOTAL OBS	71						- 34	71	30	21	90	31	

USAFETAC FORM 0.21.5 (OL. 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PRUCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC
41413 TINIAN NAS MARIANA IS
STATION

DAILY TEMPERATURES

45-46

YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM DAILY OBSERVATIONS)

MINIMUM

TEMP (*F)	JAN.	FEB	MAR	APR.	MAY	JUN	JUL	AUG.	SEP	OCT.	NOV.	DEC	ANNUAL
80	0.5				•	•	90.3	6.5	6.7		12.3	•	4.1
80 75	96.4	92.9	•		•	•	90.3	100-0	6.7 93.3	87.1	100.0	100.0	4.1 95.1 100.0
70	100-0	100.0			•	•	100.0		100.0	100 0	TAMBA	LAUDEU.	100
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MEAN	77.5	76.4					77,8	77.6	77.8	76.6	78.2	77.5	77.
S D	1.503	1.571	•				1.701	1.256	1.870	1.911	1.278	1.059	1.62
TOTAL OBS	31	28	•		•	•	' 31'	31	30	31	30	31	243

USAFETAC FORM 0-21-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PRICESSING BRANCH
USAF ETAC
AIR *EATHER SERVICE/MAC
41413 TINIAN NAS MARIAMA IS
STATION NAME

DAILY TEMPERATURES

45-46

YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM DAILY OBSERVATIONS)

MEAN

TEMP (OF	JAN	FEB	MAR	APR	MAY	JUN.	JUL	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
85 80 75	93.5 100.0	78.6 100.0					93,5	3, 2 96.8 100, 0	6.7 93.3 100.0	87.1 100.0	100.0	100.0	1.6 93,0
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MEAN	81.5	80.9		. 1			82.5	82.4	82.4	81.6	82.3	\$1.6 .755	54,
S D	1.025	1.208	:				1.312		1.650	1.628	.994	.755	1.37
TOTAL OBS	31	28					31	31	30	31	30	31	24

USAFETAC FORM 0.21.5 (OL. 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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EXTREME VALUES

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	MONTH	JAN	FEB.	MAR.	APR.	MAY	JUN		JUL	AUG.	SEP.	OCT	NOV	DEC	MONTHS
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EXTREME VALUES

FROM DAILY OBSERVATIONS

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YEARS

MONTH YEAR	JAN	FEB M	AR APR	MAY	NUK	JUL	AUG	SEP	OCT.	NOV	DEC	ALL MONTHS
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MEAN	73.0	72.0	;			73.0	75.0	72.0	72.0°	72.0.	75.0 L	
S D	31	5				1	31	30	31	30	41	

USAF ETAC FORM 0 88-5 (OU)

PSYCHROMETRIC SUMMARY

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STAT	ON				s	TATION N	AME								YEARS			PAGE	1	A	LL
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Rel. Hur				4565		4326	171	81.5			531		± 0 F	: 32 F			273 F	> 80 F	2 93 1	FT	Total
Dry Bull				640		4328		81.5			331			2 32 F				4256,		 '	876
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Dew Poi				724		198		75.2	3.	0.2	330	16		-	379	1	18.8	63,		-+	176

JAN

STATION	_			s	TATION N	AME								Y	ARS					MON	TH
																		PAGE	1	HOURS IL	. S. T.1
Temp.								TEMPER										TOTAL		TOTAL	
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88/ 87 86/ 85		2.6 7.2 2.6			O_8	. 2	, 9							<u></u>				1 95	1 95		
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Element (X)		Σχ²	*		ZX		¥	₹ A		No. O	s.				Mean N	a. of H	ours with	Temperatu	,,		
Rel. Hum.		327	15043		414	37	78,0	8,8	46		31	= 0	F :	32 F	≥ 67		73 F	■ 80 F	≥ 93 F	T.	otal
Dry Bulb		351	6646		431	88	81.3	2.7	55		331				744	· a ·	744.0	484,8			744
Wet Bulb		30:	39641		403	02	75.9	1.2	24		31				744	•0	742.6				744
Dew Point		286	34199	1	391	25	73.7	1,6	26	-	331		i		744	.0 !	577,3				744

USAFETAC FORM 0.26.3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

Temp.

WET BULB TEMPERATURE DEPRESSION (F)

TOTAL

TOTAL

TOTAL

TOTAL

Yemp.				,	,		TBULB								,			TOTAL		TOTAL	
(F) .	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 3	0 + 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Poir
88/ 87			i	į			3					i			!!			1	1		
86/ 85				. 8	11.6	5.	3 8 2.2	.5							!			40	40		
84/ 83			• 3	1 2.8	14.3	9.	9 3.8	1.1				1			1 '		i	128	128	!	
82/ 81			1.1	11.3	9.1	ı .	8 . 8					1			·		_!	84	84		
80/ 79		• 3	8.0	8.5	2.2		8										;	72	72	5	
78/ 77				1.9	5	.		ļ							<u> </u>			27	27		
76/ 75		3.0	3	4	!								1					12	12		47
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Element (X)		ZX,			ZX		X	ø _z		No. Ob		•			Mean N	o. of 1	Hours with	Temperati	70		
Rel. Hum.		194	3525		263	81	72.5	9.3	24	3	64	± 0 F	: 1	32 F	≥ 67	F	≥ 73 F	≥ 80 F	e 93 t	T	otal
Dr, Bulb			5831		297		81.8	2.4	70		64	•			672			542.8	i		672
Wet Bulb			3226	Ì	272		74.9	1.7	58		64						611.1		<u> </u>		672
Daw Point			4801		261			2.6			64		-				293.5		 		672

USAFETAC FORM 0.26.3 (OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71 0.26.3).

PSYCHROMETRIC SUMMARY

41413 STAT:ON	TI	MIAN	NAS	MAF	LANA TATION N	A IS				45				Y	AR\$					MON	ήĻ
																		PAGE	1	HOURS	LL s. t.
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86/ 85					13.6		<u> </u>	.										140	140	i	
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82/81		1.2	13,6	5.9	1		\bot	\vdash									<u> </u>	154	154		
80/ 79	• 1		19.1			•	i										1	217	217		1
78/ 77	- 1		4,3	1	4		<u> </u>			\vdash		-			-			43	43		
76/ 75	• 3	1.9				1	1			1 1					1			16	16		35
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Rel. Hum.			5561		600	121		7.9	E 4	74		± 0 F	-	32 F	Mean N		≥ 73 F	* 80 F	2 93 (e	otal
Dry Bulb			7421		609	354		3.0		74		= 0 F	+-	32 F				595,8		' '	74
Wet Bulb		442	9319		574	21		1.5		74	3		+		744	• ۷	740.	55.1		- -	74
Dew Point			9347		560			1.5		- 74	2		+		744	• y .	728.0	5.0			74

USAFETAC FORM | 0.26-3 OL A PREVIOUS EDITIONS OF THE FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

41413 TINIAN NAS MARIANA IS
STATION NAME AUG PAGE 1 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL

1 1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 -31 D.B. W.B. Dry Bulb Wet Bulb Dew Point WET BULB TEMPERATURE DEPRESSION (F) Temp. 90/ 89 88/ 87 9.717.7 .5 86/ 85 147 147 84/ 83 82/ 81 80/ 79 144 208 83 144 208 83 179 382 16 227 376 78/ 77 76/ 75 .3 8.2 2.6 .1 2.0 162 115 74/ 73 72/ 71 70/ 69 1 TUTAL .420.838.822.314.5 2.8 743 744 744 744 Element (X) Mean No. of Hours with Temperature 61438 82.6 7.795 60888 81.8 3.078 57691 77.5 1.468 56367 75.9 1.412 5118574 4990036 Rel. Hum. 744 5 0 F ≤ 32 F ≥ 67 F = 73 F = 80 F ≥ 93 F Total 744.0 744.0 564.0 744.0 743.0 68.0 744.0 736.0 6.0 744 744 744 Dry Bulb 744 744 743 4475057 Wet Bulb Dew Point

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Rel. Hum.			0498		610	009	84.	7.0	17	72		≤ 0 F	± 3	2 F	≥ 67		≥ 73 F	≥ 80 F	≥ 93	Ť	otal
Dry Bulb		48	05143	3	24.	779	81.6	3.0	23	72	0				720	• 0	718.0	546,0			72
Wet Bulb			65974			056		1,5		72	0		Д-		720	• 0	717.0	119.0	Ļ.		72
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USAFETAC FORM 10.26-3 OLA PREVIOUS EDITIONS OF 1415 FORM ARE OBSOLETE. JUN 71 0.26-3 OLA

TINIAN NAS MARIANA IS

41413

PSYCHROMETRIC SUMMARY

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STATION				ST	ATION N	AME								Y	EARS					MON	ITH.
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Temp.	_					WE	BULB	TEMPER	ATUR	E DEPRE	SSION	(F)						TOTAL		TOTAL	
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84/ 83			3,8	6.2	1.7	-						1		Ť T	†			87	87		
82/ 81		1.5	14.0	2.4	. 1		i			į į			1		j ;		i	134	134		
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78/ 77	. 4	7,9	7.0			i	ł			1		1	ł	1	1 1		i	114	114		
76/ 75	1.2	5.4	1.3	. 5			1					i						63	63		330
74/ 73	• • •	. 1	4					i i				ļ	1					4	4	49	12
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Rel. Hum.			5745		630	02		7.0			44	± 0	E	≤ 32 F	mean n		73 F	- 80 F	2 93 I		Total
Dry Bulb			6523		601		80.0	3.1	<u> </u>		44	= 0	' -	- 32 F				465.0		<u>- </u>	74
Wet Bulb			5202		574		77 7	2.0	28		44		_		744	** +	77.0	89.0	4		74
Dew Point			1198		563			2.0			44										74
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FORM 0.26-3 OL A. PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 21 USAFETAC

DATA PRUCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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Dew Point			2230			459			1.6			720	l			720		711.0	19.0	 		72 72

USAFETAC FORM 0.26-3 OL A PREVIOUS EDITIONS OF 1415 FORM ARE DESCRETE

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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82/ 81		. 3	5.9	7.8	.5				Ĺ							Ĺ		108	108	3	
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74/ 73	• 1													1			ļ	1	5	79	2
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Wet Bulb			3043		368		76,4				44		+		744		740.0	707.0			- Ý
Dew Point			6061	 	333		74,3				44		+-		1 742		694.0	1,0		+	7

USAFETAC FORM 0.26-5 (OLA) REVISED REFINOUS EDITIONS OF THIS FORM ARE ORGANITE

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC 41413 TINIAN NAS MARIANA IS

PAGE 1 0000-0200

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USAFETAC FORM 0.26 3 OLA REPASSA FORM A THE AREA DESOUTE

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Element (X)	Σχ2	ZX	X	σ _R	No. Obs.			Mean No. o	f Hours wit	h Temperatu	r•		
Rel. Hum.	272666			5,007	3		f 132 F	≥ 67 F	≥ 73 F	⇒ 80 F	∗ 93 F	To	
Dry Bulb	218430		77,9		3			93.0					9
Wet Bulb Dew Point	202081	2697 2650	74.9	,937 1.315	3			93.0	93,0		1		9:

USAFETAC FORM 0 26 3 OL A PREV

PSYCHROMETRIC SUMMARY

41413 TINIAN NAS MARIANA IS JAN - -YEARS 0600-0800 HOURS ... S. T. PAGE 1 Temp. WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 21 | D.B. W.B. Dry Bulb Wet Bulb Few Point 84/ 83 82/ 81 80/ 79 78/ 77 76/ 75 4.116.2 1.4 6.821.612.2 1.4 1 17 31 17 31 8.118,9 1.4 21 10 50 18 37 14 5.4 74/ 73 72/ 71 3 1 74 70/ 69 68/ 67 TUTAL 20.344.631.1 2.7 1.4 74 74 ŽĶ' ZX No. Obs. Mean No. of Hours with Temperature Element (X) X 82.7 6.905 79.2 1.577 75.3 1.150 73.5 1.641 74 2 67 F 2 73 F 2 80 F 2 93 F 510117 Rel. Hum. 6123 5 0 F ≤ 32 F Total 93.0 93.0 33.9 93.0 91.7 93.0 70.4 93 93 93 74 74 74 464864 419352 399816 5864 Dry Bulb 5570 5438 Wer Bulb

USAFETAC FORM 0.26.3 OLA PREVIOUSORIONE SECUENCIAME OBSOLITE

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41413 STATION	. 11	NIAN	NAS	MAR	IANA	IS AME				46				YE	ARS					<u>J.</u>	'n –
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Temp (F)	0	, ,	3 4	6.4	7 0	WET	BULB 1	EMPER.	ATURE	DEPRES	SION	(F)	22 24	26 24	22 20	20 20		TOTAL		TOTAL Wer Bulb D	
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Dry Bulb			0077		77		82.9				3	= 0 F		34 F	93.	_	93.0	82.0			93
Wet Bulb			1715		70	97	76.3	1.1	89	•	73				93,		93.0	~ = 1.0			93
Dew Point		50	3122		68	38	73.5	1.9	37	•	3				93,	0	62.0				93

USAFETAC FORM ARE OBSOLETE AND AND 1915 FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

Rel. Hum. Dry Bulb		48	6447		66	95	72.0	6.9	77		93 93	± 0 1	= [: 32 F	Mean I ≥ 67		lours with ≥ 73 F	Temperat	2 93 I	тт	otal 9 9
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USAFETAC FORM 0.26.3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

Point 508813 6877 73.9 1,759 93 93.0 79.0 9

PSYCHROMETRIC SUMMARY

41413 STATION	<u>T</u>	INIAN	NAS	MAR s	TATION NA	IS ME	 _			46				Y	EARS					<u>_</u>	AN
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Temp.		,		,	,	WET	BULB 1	EMPER	ATURI	DEPRE	SSION	(F)						TOTAL		TOTAL	
(F)	0	1 - 2	3 · 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 2	25 - 26	27 - 28	29 - 3	0 + 31	D.B. W.B.		•	Dew Poin
86/ 85 84/ 83		1		101	10.8 26.9 2.2	9.7 5.4	3.2						l i					23	23 44	i	
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76/ 75		 	 	<u> </u>			<u> </u>			+		 			i		·	† · †		47	26 47
72/ 71		 	<u>L</u>							-		 			-	<u> </u>	-	<u>, </u>		<u> </u>	<u>ii</u>
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Element (X)		Zx'			ZX		Ī	•,		No. Ob	ı. I	<u> </u>		1	Mean ?	No. of	fours wit	h Temperatu			 -
Rel. Hum.		50	0705	1	679	23	73.0		12		93	≤ 0	F	≤ 32 F	≥ 67		≥ 73 F	+ 80 F	• 93 1	F T	Total
Dry Bulb		64	4756		774	12	83.2	1.6	66		93						93.0	89.0			93
Wet Bulb			1824		709	8	76,3	, 9	69		93					.0					93
Dew Point		50	4673	<u> </u>	684	19	73,6	1.7	36		93				93	• 0	75.0			I	93

USAFETAC FORM 0.26-3 OL A. PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH 2

USAF ETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

41413 TINIAN NAS MARIANA IS
STATION NAME _ JAN 1800-2000 HOURS (L. S. T.)

Temp. (F) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 2 31 D.B. W.B. Dry Bulb Wet Bulb Dew Point 82/ 81 80/ 79 4.130.1 1.4 26 26 40 78/ 77 5.5 4.1 76/ 75 74/ 73 72/ 71 10 73 TUTAL 8,237,053.4 1.4 73 73 73

Element (X) No. Obs. Mean No. of Hours with Temperature ¥ •, 73 73 73 73 81.4 5.754 80.0 1.167 75.6 .799 73.8 1.228 486209 467298 5943 Rel. Hum. ≥ 67 F = 73 F = 80 F 5840 5516 5386 93.0 93.0 63.7 93.0 93.0 93.0 80.3 Dry Bulb 93 416844 93 93 Wet Bulb

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE OL A 0.26.3 FORM JUN 71 USAFETAC

Dew Point

TINIAN NAS MARIANA IS
STATION NAME

PSYCHROMETRIC SUMMARY

___JAN

PAGE 1 2100=2300 | WET BULB TEMPERATURE DEPRESSION (F) | TOTAL | TOTAL | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B. W.B. Dry Bulb Wer Bulb Dew Point Temp. 80/ 79 78/ 77 76/ 75 74/ 73 42.427.3 3.021.2 22 11 6.1 2 15 72/ 71 TUTAL 9.163.627.3 33 33 33 Element (X) No. Obs. Mean No. of Hours with Temperature 2773 233749 Rel. Hum. 33 ≥ 67 F ≥ 73 F ≥ 80 F ≥ 93 F 205043 185798 178539 2601 2476 2427 93.0 93.0 25.4 93.0 93.0 93.0 67.6 33 33 33 93 93 Dry Bulb Wet Bulb Dew Point 93

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE ಠ 26.3 ó

PSYCHROMETRIC SUMMARY

41413 TINIAN NAS MARIANA IS FEB PAGE 1 -0600-0800

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Temp. (F)	0	1	3 - 4	T	1		BULB .						2.7				TOTAL D.B. W.S.		TOTAL	
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Rel. Hum.			2730			82					56	5 0 F	1.3	2 F	2 67 F	2 73 F	- 80 F	+ 93	E	Total
Dry Bulb		24	635	-		03	80.0 78.6	1.7	34		56		 		84.0		30.0		-	
Wer Bulb		37	725	1		47	74.1	1.4	- 62		56			-	84.0		7701	4		
Dew Point			1964			25	71.9	2.5	2 2		56				82.5			+-	- +	
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USAFETAC FORM 0.26.3 |OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

41413 TINIAN NAS MARIANA IS
STATION STATION NAME

FEB MONTH

PAGE 1

0900-1100

Temp. (F)	0	, ,			7.6	WET	BULB	LEMPER	ATURI	DEPRESS 17 - 18 19		22/22 2	25 21	22 60	20 20		TOTAL D.B. W.B. (TOTAL	n
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Element (X)		Z _{X²}			Z X		Ţ	₹ x		No. Obs.							h Temperatu			
Rel. Hum.		45	262	4		113	72.6	9.6	68	8		≤ 0 F	≤ 32 F	≥ 67		73 F	≥ 80 F	≥ 93	F T	otal
Dry Bulb		56	5867	2		392		2.1		8						84.0		L		84
Wet Bulb			5480			318		1.8		8						77.0				84
Dew Point		43	973	7	60	73	72.3	2.8	49	8	4			79	. 0	42.0	ł	1	I	84

USAFETAC FORM D. 26.3 OL A PREVIOUS FOITIONS OF THIS FORM ARE OBSOLETE

DATA PRUCESSING BRANCH

USAF ETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

41413 TINIAN NAS MARIANA IS
STATION NAME

PAGE 1 1200-1400

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Temp.						WET	BULB	TEMPER	ATURI	E DEPRE	SSION	(F)					T	OTAL		TOTAL	
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86/ 85				2.4	6.0	15.5	4.8	2.4					1		i	1		26	26 26		
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Rel. Hum.			0359			87	67.7				84	± 0	F	± 32 F	≥ 67 F			- 80 F	≥ 93 F	: Та	rtal
Dry Bulb		58	8902			32	82.7	1,6	47		84		· +-		84,			82,0	- 73 1		84
Wet Bulb			745			31		1,8			84				84.	7	.0	~2.00			84
Dew Point			3376			3d	7,17	2,9	21		84		+		77.	× + + + + + + + + + + + + + + + + + + +	.0				84
222701111			<i> </i>	1		- <u>- </u>	, 1 , 0	217	<u> </u>		~ 7					V	A U				09

USAFETAC FORM 0.26.3 . OL A. PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PRIICESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

41413 TINIAN NAS MARIANA IS
STATION NAME

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PAGE

PAGE 1 1500-1700

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Rel. Hum.			9560			28	69,4	7,9	71		84	± 0 F	: 32 F	≥ 67 F		73 F	≥ 80 F	> 93 F	_ _	otal
Dry Bulb			6198			56	82,8	1.4	22		84		+	84,	9	54,0	82.0	.	 -	8
Wet Bulb			3751		63		75.1	1,5	74		84		\bot	84.	<u> </u>	80.0				84
Dew Point		43	2300	1	- 60	22	71.7	Z.6	4.5		84			79.	O	33,0		1	- 1	84

FORM 0.26-3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC FORM

DATA PRUCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

309285 289541

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PSYCHROMETRIC SUMMARY

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41413 TINIAN NAS MARIANA IS -- FEB 1800-2000 HOURS L. S. T. PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL

1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 -> 31 D.B. W.B. Dry Bulb Wet Bulb Dew Point Temp (F) 3.616.112.5 10.728.6 7.1 3.6 1.8 7.1 1.8 84/ 83 82/ 81 80/ 79 78/ 77 76/ 75 74/ 73 72/ 71 28 28 6 6 22 17 21 25 70/ 69 68/ 67 8 TUTAL 3,421,446,419,6 8,9 56 56 56 Element (X) No. Obs. Mean No. of Hours with Temperature 76.3 6.757 80.0 1.440 74.3 1.400 71.9 2.107 328251 358514 4271 ≥ 67 F ≥ 73 F ≥ 80 F ≥ 93 F 84.0 84.0 84.0 76.5 Dry Bulb 4480 84

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PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE 0.26.3 OLA FORM

Wet Bulb

Dew Paint

PSYCHROMETRIC SUMMARY

41413 TINIAN NAS MARIANA IS 45

STATION STATION NAME 45

PAGE 1 0000-0200

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Dew Point		52	1952		69	2 A	75.3	1.6	3 64		92			93.0			I		9

USAFETAC FORM 0.26.3 OL A PREVIDUS EDITIONS OF THIS FORM ARE UBSOLETE

PSYCHROMETRIC SUMMARY

41413 TINIAN NAS MARIANA IS 45 PAGE 1 0300-0500

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Wet Bulb		38870		707	76.1	1.402	93	<u> </u>	<u> </u>	93.0					9
Dew Point		21726	<u> </u>	696	9 74,9	1,647	93		L	93.0	90.0				9

USAFETAC FORM 0.26.3 OLA PREVIOUS EDITIONS OF THE FORM ARE DRIVELEE

DATA PRUCESSING BRANCH-USAF ETAC AIR REATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

41413 TINIAN NAS MARIANA IS JUL 0600-0800 PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) Temp. TOTAL TOTAL 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | , 31 | D.B. W.B. Dry Bulb Wet Bulb Dew Point 86/ 85 84/ 83 1.1 20,4 7.5 4.331.2 1.1 2.2 2.2 2.2 6.5 82/ 81 80/ 79 78/ 77 76/ 75 26 36 26 36 3 52 30 14 49 27 76/ 75 74/ 73 72/ 71 70/ 69 1 2 93 TUTAL 1.112.953.826.9 5.4 93 93 No. Obs. 653514 605014 546210 524674 7776 83.6 6.025 80.6 2.326 76.6 1.436 75.1 1.468 Rel. Hum. 93 ≥ 67 F ≥ 73 F ≥ 80 F 93 93 93.0 93.0 93.0 91.0 68.0 93 93 Dry Bulh 7498 Wer Bulb 7126 Dew Point 6984 93 93.0 90.0 93

AFETAC FORM 0.26.3 OL A PREVIOUS FOITIONS OF THIS FORM ARE OBSOLFTE

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Temp.	- ,	WE.	T BULB TEMPERATO	IRE DEPRESSION	(F)		,		TOTAL		TOTAL	
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Dry Bulb	655471	7805	83.9 2.183	93	<u> </u>		93.0					93
Wet Bulb	563297	7237	77.8 1.206	93			93.0	93.0	6.0			93
Dew Point	528532	7010	75,4 1,250	93			93.0	92.0				93

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE FORM 0-26-3 OL A

USAFETAC

[] 2 DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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Wet Bulb		57	0628		7	284	78,3	1.1	72		93				93	•0	73,0	19.0	l		9:
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USAFETAC FORM 0.26-3 OL A PREVIOUS FOITIONS OF THIS FORM ARE OBSOLETE

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Wer Bulb		70471		720		1.1	8	93				0 93.	0 18.0			9
Dew Point		36335		700				93		-+-	93					93

FORM 0.26-3 OL A PREVIOUS EDITIONS OF THIS FORM ARE DISCOLETE JUN 21

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PSYCHROMETRIC SUMMARY

41413 TINIAN NAS MARIANA IS
STATION NAME JUL __ 1800-2000 HOURS C. S. T. PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 3.2 3.2 6.5 4.322.6 9.7 3.222.610.8 7.5 2.2 4.3 1 · 2 | 3 · 4 | 5 · 6 | 7 · 8 | 9 · 10 | 11 · 12 | 13 · 14 | 15 · 16 | 17 · 18 | 19 · 20 | 21 · 22 | 23 · 24 | 25 · 26 | 27 · 28 | 29 · 30 | 21 | D.B. W.B. Dry Bulb Wer Bulb Dew Point 88/ 87 86/ 85 84/ 83 34 34 82/ 81 80/ 79 78/ 77 34 34 18 24 41 60 76/ 75 74/ 73 72/ 71 TUTAL 14 23 3.238.738.719.4 93 Element (X) Mean No. of Hours with Temperature 7425 7673 79.8 5.898 82.5 1.993 77.5 1.316 75.6 1.616 596003 633429 558508 93 93 93 Rel. Hum. 10 F ≥ 67 F = 73 F = 80 F = 93 F ≤ 32 F 93.0 93.0 93.0 93.0 93 87.0 Dry Bulb 7206 93 Wet Bulb 9.0

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93.0 92.0

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLFTE OL A 0.26.3

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			MARIANA I			_ 45_				VE ARS				- J	TH
												PAGE	1	2100 HOURS	-230
Temp.			wi	ET BULB	TEMPERATU	RE DEPRES	SION (F)			-	TOTAL ,		TOTAL	
(F)	0 1 - 2	3 - 4 5	. 6 7 - 8 9 - 1	0 11 - 12	13 - 14 15 -	16 17 - 18	19 - 20	21 - 22 2	3 - 24 25 -	26 27 - 28 29	30 • 31	D.B. W.B. (ry Bulb	Wet Bulb	Dew Po
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Wer Bulb		51694	7162		1.247		93		+	93.0		3.0			9
Dew Point		29377	7015	75.4			93		+	93.0		3.0		+	9

FORM 0.26-3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE ION 21

PSYCHROMETRIC SUMMARY

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80/ 79		20.4	33.3	1.1)	1 1	- 1)	}]]		j. L	İ	51 19	51 19	44	
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el. Hum,			8811		8223		4.34		93	= 0	F	32 F	≥ 67 F		→ 80 F	* 93	FT	otal
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et Bulb		34	6285		7127		1.10		93				93.0	93.0		T		9
ew Point			0487		7023	75.5	1.22		93				93.0	92.0	5	1		9

USAFETAC FORM 0.26-3 (OL A. PREVIDUS EDITIONS OF THIS FORM ARE OBSOLETE

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PSYCHROMETRIC SUMMARY

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Temp.						WE	T BULB	TEMPER	ATURE	E DEPRES	SION	F)					TOTAL		TOTAL	
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78/ 77	2	2.9	8,6	1.1	1			l j]]				,	33	33	34	
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Dry Bulb Wet Bulb			4426			308	75.5	1.3	13		23		-		93.0	93.0		-		
			8498			76		1.1			73		-+-		93.0	92.0		+	-+	
Dew Point		-21	7809			01	75.0	1.3	66	`	72				93.0	91.0	<u> </u>			

USAFETAC FORM 0:26-3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLFTE

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DATA PRUCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

TINIAN NAS MARIANA IS AUG __ 0600-0800 HOURS (L. S. T.) PAGE 1

Temp.							T BULB 1											TOTAL		TOTAL	
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84/ 83	ļ	ļ		14.0	1.1					1		I. i		1	į		1	15	. 15		
82/ 81			14.0	5.4														18	18	1	
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78/ 77	2.21	5.1	4.3				1	·	-	1		1	i					20	34 20	48	14
76/ 75	717	2.2					1 .	į		1			!	1				. 2	2	1 5 48 36	52
74/ 73				-			1	i		1		1		i i	†		:	-	-	3	14 52 23
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Rel. Hum.			1312			38	85.4	6.2	97		93	# 0 F	F : 32		e 67 I		≥ 73 F	- 80 F	● 93 F	Te	otal
Dry Bulb		50	9846	1	74		85,4	2.3	81		93		+	-+	93		93.0				
Wet Bulb			8626			42	76.8	1.2	82		93			+	93	0	93.0	2,0			93 93
Dew Point			8405		70	<u> </u>	75.4	1.3	30		93	 		+	93		91.0				93
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USAFETAC FORM 0.26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

41413 STATION	TINIAN N	AS MARIANA	IS AME			45				EARS				AU	G
												PAGE	1	0900-	1100
Temp.			WETB	ULB TEMP	ERATUR	E DEPRE	SSION (F)				TOTAL		TOTAL	
(F) 0	1 - 2 3 -				14 15 - 1	16 17 - 18	19 - 20 7	21 - 22 23	3 - 24 25 - 26	27 - 28 29	- 30 2 31	D.B. W.B. D	ry Bulb	Wet Bulb D	ew Poi
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84/ 83	1 1 •	.311.8 1.1									1	16	16		
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Rel. Hum.	3431	64 70	78 7	6.1 6	974		93	≤ 0 F	± 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	То	tal
Dry Bulb	6668	78	73 8	4.7 1	970		93			93.	93.0	91.0			9
Wet Bulb	5748	69 73	11 7	8.6 1	, 189		93			93.	93.0	23.0			9:
Dew Point	5413	80 70	94 7	6,3 1	657		93			93.	92.0	4.0			93

FORM 0.26 3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLFTE

USAFETAC

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DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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														PAGE	1	1200-	1400
Temp.				WI	ET BULB T	EMPER	ATURE	DEPRESS	ION (F)	· · · · · · · ·				TOTAL		TOTAL	
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el. Hum.		35150	<u> </u>	7024		7,1		9		F : 32			73 F	* 80 F	» 93 I	F T	otal
Pry Bulb Vet Bulb		73782		7912	78.8	2.6	9 Z 8 Z	9				.0	93.0	90.0			9
Dew Point		4371		7110		1.2			3			.0	93.0	- · · · · ·			9

PSYCHROMETRIC SUMMARY

41413 TINIAN NAS MARIANA IS
STATION NAME 1500-1700 PAGE 1

Rel. Hum. Dry Bulb	 	3:	518 512	13			;	78	g	76 84	. 8	6	. 2	94			93		± 0	F	_:	32 F	+	2 6	7 F		73 F 9 3. 0	. 8		÷ 93	<u> </u>	Tota	9;
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82/ 81 80/ 79			. 8	. 6 . 5		[i		1			1			8) 6)	8 6	4	1	
86/ 85 84/ 83			3	. Z	<u> </u>	. 5	22.	1	2.2														İ		; 1				42 24	42 24			
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USAFETAC FORM 0.26-3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

51413 STAT UN	TINIAN NAS M	STATION NAME	<u>s</u>		45		vi	ARS			-	<u> Aŭ</u>	<u>i</u> G
										PAGE	1	.1800-	200
Temp.	0 1 - 2 3 - 4 5	4 7 0 W	ET BULB T	EMPERATUR	E DEPRESSION	(F)	24 25 26	27 29 29	20 - 21	TOTAL	Bulk	TOTAL Was Bully D) P.
86/ 85	2	2 6 5	10 11 - 12	13 - 14 13 - 11	0 17 - 10 17 - 20	. 21 - 22,23	. 24, 25 - 20	27 - 20 27	- 30 31	8	8		
84/ 83	3.226	0.9 1.1			• == =	· · -	_		:	. <u>29</u> 37	29.		-
82/81	3.232.3 4	• 3			1	1		į			37		
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76/ 75:	7.0			!							,	9	
74/ 73								*	*		•	····•	_
72/ 71	10.847.334	-			• •	 	i	 		<u> </u>			
UTAL	10.047.334	7.7		1						93	93	93:	•
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lei. Hum.	637136	7682		5.302	93	± 0 F	1 32 F	mean Na.	≥ 73 F	= 80 F	≥ 93 F	т,	otal
Dry Bulb	626111	7629		1.766	93			93.0	+				-
Wer Bulb	562172	7230	77,7		93			93,0	93.0	2.0			
Dew Point	539591	7083	76.2	1.236	93			93.0	92.0			I .	Š

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PSYCHROMETRIC SUMMARY

93.0 93.0 93.0 93.0

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41413 TINIAN NAS MARIANA IS 2100-2300 PAGE 1 WET BULB TEMPERATURE DEPRESSION (F)

TOTAL

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TOTAL

D.B. W.B. Dry Bulb Wet Bulb Dew Point 84/ 83 82/ 81 80/ 79 1.143.0 4.3 44 44 2 75 16 78/ 77 76/ 75 74/ 73 TUTAL 2.2 1.1 36 45 12 22.672.0 4.3 1.1 93 93 Element (X) Mean No. of Hours with Temperature 80.4 .982 77.2 .782 75.9 1.115 Rel. Hum. 8048 7479 93 93 93.0 93.0 78.0 69788Q ± 0 ₽ ≤ 32 F 601545 93 Dry Bulb

93 93

7182 7061

554692 536219

*** OBSOLFTE 0.26 3

EDITIONS OF THE DREVIO. 0 0

Wet Bulb Dew Point

> 732160 567888

533869 515861

PSYCHROMETRIC SUMMARY

-67 F +73 F +80 F +93 F

52.0

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90.0 90.0 90.0 90.0 90.0 89.0

TINIAN NAS MARIANA IS ___ SEP 0000-0200 PAGE 1 WET BULB TEMPERATURE DEPRESSION (F)

1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 → 31 D.B. W.B. Dry Bulb Wet Bulb Dew Point

3 - 318 - 9 1 - 1 Temp. 82/81 80/79 78/77 76/75 74/73 72/71 21 24.430.0 49 17 61 40 23 40 8 3.3 3. . 3 89 50.048.9 1.1 90 90 90 No. Obs. Mean No. of Hours with Temperature Element (X)

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90 90 89

90.1 3.907 79.4 1.414 77.0 1.086 76.1 1.185

8110 7148 6931

6775

ETAC FORM 0:26-3 OL A PREVIOUS FOITIONS OF THIS FORM ARE OBSOLFTE

Rel. Hum.

Dry Bulb

Wet Bulb

Dew Point

PAGE 1

41413 TINIAN NAS MARIANA IS

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Element (X)		Z X'			Z X		X	7 ,	I	No. O	5.			Mean	No. of	Hours with	Temperatu	•		
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Dry Bulb		56	4028		71	24	79.2	1.18	0		90		7	90	.0	90.0	34,0			9(
Wet Bulb	1		9553			03	76.7	1.02	22		90		1	90	. 0	90.0				9(
Dew Point	 		9300		67	732	75.6				89			90	.0	90.0				90

USAFETAC FORM 21 0-26 3 'OL A PREVIOUS EDITIONS OF THIS FORM ARE UBSCREET

[] 2 DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

41413 TINIAN NAS MARIANA IS 45

SEP

STATION NAME

PAGE 1 0600-0800

MOURS 1... 5...T.

Temp							WE	TBULB	TEMPER	ATUR	E DEPRI	ESSION	(F)						TOTAL		TOTAL	
(F)		0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	6 17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 3	0 + 31	D.B. W.B.	Ory Bulb	Wet Bulb D	ew Poir
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84/	83			: 2.	212.	z		1			j	į				1			13	13 27		
82/	81		2.	226.	7 1.	1,	1	Ī											27	27		
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Elemen	(X)		Σχ²			ZX		X	₽ x		No. O					Mean I	No. of	Hours wit	h Temperatu	ire.		
Rel. Hu	m.			8788			356	87,3	4.9	06		90	= 0	F t	32 F	≥ 67		≥ 73 F	● 80 F	≥ 93 F	To	otal
Dry Bul	ь			8229			237	80.4	2.0	05		90				90	.0	90.0	61.0	j		90
Wet Bu	ь			3867		69	962	77.4	1.1	64		90					.0	90.0	1.0			90
Dew Po	int			2208		68	354	76.2				90		\neg			. 0	90.0		1		90

USAFETAC FORM 0.26.3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLFTE

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DATA PRUCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

41413 TINIAN NAS MARIANA IS 45

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PAGE 1 0900-1100

Dew Point	53	5485	6941	77,1	1.421	9(90.0	90.0	7.0			90
Wet Bulb		9835	7097		1,488				90.0					9(
Dry Bulb	632	2627	7541	83,8	2,951	9(90,0		81.0			9(
Rel. Hum,	589	9247	7253	80,6	7.295	9() = 0	F 1 32 F	≥ 67 F	≥ 73 F	≥ 80 F	∗ 93 F	То	tol
Element (X)	Z x'		Zx	X	*x	No. Obs.	7	<u> </u>	Mean No.	of Hours with	Temperatur	•		
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74/ 73	2.210.02	22.265.4	20.0				 	 -	-		1	90	Z	9
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84/ 83		8.915.6	4	1	1	Ì		1	1	!	22	22	:	
86/ 85	i	3.328.9	11.1								39	39		
88/ 87	-0 +	1.1	8.9	/ <u>-111-12</u>	13	10.17.18	20 21 . 2	23 - 24 25 -	20 27 - 28 27	- 30 - 31	9	9		EW F01
Temp. (F)	0 1-: 1	3 4 5 4	7 - 8 9 - 10	TBULBT	EMPERATI	RE DEPRESS	ON (F)	22 24 25	24 22 20 20	20 - 21	TOTAL	B 16	TOTAL	
			11.0	T BUIL B *	CHDECAT.	DE DEBRETT	04 (5)				TOTAL		TAT	

USAFETAC FORM 0.26-3 (OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

41413 TINIAN NAS MARIANA IS 45 SEP STATION NAME VEARS PAGE 1 1200-1400

														HOURS	5. 7.
Temp.				WE	TBULB	TEMPERATUR	E DEPRESSION	(F)		,		TOTAL		TOTAL	
(F)	0 1 - 2	3 - 4	5 - 6 7	- 8 9 - 1	0 11 - 12	13 - 14 15 - 1	16 17 - 18 19 - 2	0 21 - 22 23	- 24 25 - 26	27 - 28 29	30 + 31	D.B. W.B. D	ry Bulb 1	Ver Bulb De	ew Po
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88/ 87			8,925	5,6 2,	2	<u> </u>		_i		L!_		33	2: 33:		
86/ 85	1		18.9 8	3,9						1 1	,	25	25		
84/ 83	_	11.1	7.8	1		!	1 .1.					17	17.		
82/81		11.1	3.3									7	7	13	
80/ 79	2.2	2.2	:	į		i				1		4	4	53 23	1:
78/ 77	2.2											2	2	23	12 51
76/ 75		!	1	1		1							-	1	22
74/ 73	1					,									22
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Element (X)	Σχ,		ΣX		X	**	No. Obs.	 				Temperatur			<u> </u>
Rel. Hum.		2398		6964	77.4		90.	= 0 F	- 32 F	- 67 F	≥ 73 F	≥ 80 F	≥ 93 F	To	
Dry Bulb		3335		7665	85.2		90			90.0		87.0			90
Wet Bulb		6588		7140	79,3	1.290	90	<u> </u>	ļ	90.0		50.0			90
Dew Point	53	18271		6959	77,3	1,444	90	1		90.0	90.0	3.0			90

USAFETAC FORM 0.26-3 OL A PREVIOUS FORFIONS OF THE PORM ARE JBSQLETE.

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																	PAGE	1	1500.	-170
Temp.						WET	BULB	EMPER	ATUR	E DEPRE	SSION (F)					TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22 23	3 - 24 25 - 2	26 27 - 28	29 - 3	0 ≥ 31	D.B. W.B. D	ry Bulb	Wet Bulb	Dew Po
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88/ 87		 	 	2.2	7.8	2.2	ž			++				 -	<u> </u>		11		<u> </u>	
84/83		1	5.6	18.9	7.8 2.2		i l						}	İ	ı		31 33	31 33		
82/ 81		1	0.0	1.1										 -	·		10	10	2	
80/ 79		2.2											[1 _ :	3	_ 3	58	
78/ 77		1 • 1												T			1	1	29	4
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Element (X)		Z x '			ZX	7	X		\neg	No. Obs	. 1			Mean I	to. of	Hours with	Temperatui	•		
Rel. Hum.			128	~	70	74		5.9	1 3		90	5 0 F	± 32 F	≥ 67		≥ 73 F	■ 80 F	* 93 I	· T	etal
Dry Buib		639	967		75	87	84.3	2.0	74		90			90	•0	90.0	88.0			9
Wer Bulb			0683		710		78.9	1.0	32		90			90		90.0	29.0			9
Dew Point		532	693		69	23	76,9	1.3	43		90	_	1	90	-0	90.0	1.0		1	9(

USAFETAC FORM 0.26 3 OLA PREVIOUS FOITIONS OF THIS FORM ARE OBSOLETE

41413 TINIAN NAS MARIANA IS
STATION NAME

PSYCHROMETRIC SUMMARY

__ SEP __

1800-2000 HOURS ... S. T.) WET BULB TEMPERATURE DEPRESSION (F)

TOTAL

1 . 2 | 3 . 4 | 5 . 6 | 7 . 8 | 9 . 10 | 11 . 12 | 13 . 14 | 15 . 16 | 17 . 18 | 19 . 20 | 21 . 22 | 23 . 24 | 25 . 26 | 27 . 28 | 29 . 30 | 2 31 | D.B. W.B. Dry Bulb Wet Bulb Dew Point 86 / 85 84 / 83 82 / 81 80 / 79 78 / 77 2.2 4.411.1 2.241.1 4.4 43 25 5 14 65 10 42 44 2 5.6 76/ 75 74/ 73 72/ 71 1.1 1 1 TUTAL 18.963.317.8 90 90

659445 592235 85.5 4.577 81.1 1.793 77.6 1.119 76.2 1.164 90 90 90 Rel. Hum. 7693 7299 6985 267 F 273 F 280 F 293 F ± 0 F ≤ 32 F 90.0 90.0 80.0 90 Dry Bulb 542225 Wet Buib 90 Dew Point 6862 89.0

PREVIOUS EDITIONS OF THIS HORM ARE OBSOLETE 0 26.3 OLA

PSYCHROMETRIC SUMMARY

41413	TINIAN NAS	MARIANA IS			45				EARS				SE	<u>P</u>
											PAGE	1	2100-	-230
Temp.		WE	T BULB T	EMPERATU	RE DEPRES	SION (F)					TOTAL		TOTAL	
(F)		5 - 6 7 - 8 9 - 10						24 25 - 26	27 - 28 29	30 + 31		ry Bulb		Dew Po
82/ 81	1.133.3							i	1	- •	31	31		
80/ 79	22.227.8	l							 		45	45	6	
78/ 77	12.2) v									11	11	58	4
76/ 75	1.1	· · · · · · · · · · · · · · · · · · ·										1	23	3
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Element (X)	Z X'	Z X	X	₹,	No. Obs	$: \square$			Mean No. a	f Hours with	Temperatu	•		
Rel. Hum.	711966			3,688		0	± 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	a 93 l	FT	otal
Dry Bulb	572770		79.8	1.788		0		L	90.0	88.0				9
Wer Bulb	534551	6935		1,385		0		ļ	90.0			<u> </u>		9
Dew Paint	514701	6767	76.0	1.434		9			90.0	88.0		L		9

USAFETAC FORM 0.26-3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

41413 TINIAN NAS MARIANA IS

PSYCHROMETRIC SUMMARY

Mean No. of Hours with Temperature
267 F 273 F 280 F
93.0 93.0 30.0
93.0 91.0
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78/ 77		111	818.3	1	·	l	·	 	 	. ———	†		+		·	.	' ——	28	28	43	10
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88.8 3.518 78.7 1.545 76.0 1.625 75.0 1.788 No. Obs.

TAC FORM 0.26-3 OL A PREVIOUS EDITIONS OF THIS FORM ARE UNSOLETE

Element (X)

Rel. Hum.

Dry Bulb Wet Bulb 735124 576217 537563

41413 STATION	TINIAN	NAS	MAR IA	NA IS				45					ARS					UC MONT	<u> </u>
																PAGE	1	0300-	0500
Temp.					T BULB T											TOTAL		TOTAL	
(F)	0 1 - 2		5 - 6 7 -	8 9 - 10	0 11 - 12	13 - 14	5 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 3	0 ≥ 31	D.B. W.B. [ry Bulb	Wet Bulb D	ew Poin
82/ 81 80/ 79	19.4	7.5		-												7 31	7 31		
78/ 77	18.3	22.6			1							T		i	1	38	38	32	7
76/ 75	1.110.8	3.2		_								L			<u> </u>	14	14 3	32 47 10	48 29
74/ 73		3,2	i							1			i			3	3	10	29
72/ 71	i																	<u>l</u> :	6
70 / 69 68 / 67	i			-					,							i	- 1	3:	,
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Element (X)	2 X 2	4404	z x	9334	X C	* _K	-	No. Obs	\rightarrow		 -7					Temperatu			
Rei. Hum. Dry Bulb	74	7163		8324 7261	57.7	3,80	- 1		93	± 0 F	-	1 32 F	≥ 67 0 3	• 0	≥ 73 F	15.0	≥ 93 F		101
Wet Bulb	12	1497		7029	75.4	1.6	' 7 -		93		-			•0	93.0	13.0	 		93
Dew Point		7743		6937		1.8			93				93		84.0		 		93

USAFETAC FORM 0.26.3 OL A PREVIOUS EDITION, OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

41413 TINIAN NAS MARIANA IS
STATION STATION NAME

PAGE 1 Q600=0800
HOURS 1. S. T.)

Temp.			WET	BULB TEM	PERATUR	E DEPRES	\$10N (I	=)						TOTAL		TOTAL	
(F)	0 1 - 2 - 3 - 4	5 - 6 7 -	8 9 - 10	11 - 12 13	14 15 - 1	6 17 - 18	19 - 20	21 - 22 2	23 - 24, 25	- 26 2	27 - 28	29 - 30	≥ 31	D.B. W.B.	ry Bulb	Wet Bulb I	Dew Por
84/ 83	4.3	7.5 1		. ———						- †				12	12	•	
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78/ 77	3.215.1.6.4		!		i				İ					21	21	56	24
76 / 78	3.215.1 4.3 6.5 1.1	2 2		 		 								<u></u>			47
76/ 75	017 111	2.2					1	- (1				7	,		
74/ 73		· ·									· j			·		3:	19
72/ 71					1		1		-	i	ļ			į			7
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Element (X)	Σ×,	ZX		X	* <u>*</u>	No. Obs								Temperatu			
Rel. Hum.	710449		6111	87.2 5			73	± 0 F	£ 32	F	z 67 l		73 F	≥ 80 F	× 93	FT	otal
Dry Bulb	590542		7408	79.7 2	214		73						93.0				93
Wet Bulb	545334		7120	76.6 1	.591		93						91.0		L		93
Dew Point	528815		7011	75.4 1	722		73				93.		90.0				93

USAFETAC FORM 0.26.3 CLA PREVIOUS EDITION HIS FORM ARE O

TINIAN NAS MARIANA IS
STATION NAME ___OCT 0900-1100 PAGE 1 WET BULB TEMPERATURE DEPRESSION (F)

1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 - 31 D.B. W.B. Dry Bulb Wet Bulb Dew Point 2.224.715.1 2.724.715.1 9.717.2 4.3 1.1 7.5 2.2 1.1 2.2 3.2 4.3 1.1 88/ 87 86/ 85 84/ 83 39 29 11 5 29 11 5 82/ 81 80/ 79 78/ 77 12 43 26 76/ 75 74/ 73 72/ 71 3.2 1.1 11 1 93 TUTAL 3,2 8,422,645,220,4 93 No. Obs. Element (X) Mean No. of Hours with Temperature 7473 7750 7295 7122 80.4 7.057 83.3 2.655 78.4 1.514 76.6 1.777 Rel. Hum. 93 93 ₹ 32 F ≥ 67 F ≥ 73 F ≥ 80 F ≥ 93 F 605072 93.0 93.0 83.0 93.0 93.0 23.0 93.0 92.0 2.0 Dry Bulb 646482 93 93 93 93 572437 Wet Bulb Dew Point 545698

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLFTE 0 V 0.26-3 FORM ISN 71

TINIAN NAS MARIANA IS

TATION PAGE 1 1200-1400
ROUBS 1. S. T.

WET BULB TEMPERATURE DEPRESSION (F)

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 231 0.8 W.B. Dry Bulb Wet Bulb Dew Point 88/ 87 86/ 85 2.2 5.4 9.7 3.225.821.5 1.1 16 48 5.4 6.5 9.7 84/ 83 11 11 82/81 80/79 2.2 78/77 3.2 76/75 3.2 1.1 20 4 42 19 2 33 31 74/ 73 TOTAL 3.2 6.520.437.631.2 1.1 93 No. Obs. Element (X) Mean No. of Hours with Temperature 7349 79.0 7.512 7855 84.5 2.951 7366 79.2 1.736 7179 77.2 1.952 = 67 F = 73 F = 80 F = 93 F Rel. Hum. 585921 93 93 93 93 Dry Bulb 564253 583696 93.0 93.0 85.0 93 Wet Bulb 93.0 93.0 39.0 Dew Point 554523 93.0 93.0 11.0

FETAC FORM 0.26-3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSIGNERE

PSYCHROMETRIC SUMMARY

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Temp.									DEPRES				1		TOTAL		TOTAL	
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86/ 85 84/ 83		5,7	1/02	10.9	2.2								<u> -</u> !		2	4 34		
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76/ 75	2,2 3,	2 1.1											t i			6	5 <u>31</u>	3
74/ 73	1.	1		l i			i	ĺ		İ	- [i I	1 1			1	1 3	
72/ 71		-											1				l	
TAL	2.216.	124.7	35.5	19.4	2.2							1				. 3		
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el. Hum.		15842	+	75	30		8.17	0		3	± 0 F	: 32 F	r 67				FT	Total
ry Bulb		41214		77			3,35			3		1	93		.0 77			
et Bulb		69040		72	72		2.12			3			93	· 0 92	.0 27	• 0		9
Dew Point		43416		710			2.22			3		T	93	.0 87		• 0		9

USAFETAC FORM 0.26-3 OL A PRIVIDUA (DI DV. OFTWO NAVE ARE DISCUETE

PSYCHROMETRIC SUMMARY

11413 STATION	TINIAN NAS	MARIANA IS	-		45	-		EARS					T
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Temp. (F)	0 1.2 3.4	5-6 7-8 9-10			E DEPRESSION		34 35 34	122 20 20	30 - 21	TOTAL D.B. W.B. r		TOTAL	
84/ 83		4.3 2.2	1	13-14-15-1		0 21 - 22 23	24 23 20		- 30 31	11	11		
82/ 81	6.526.9	9.7	1 - 1		-i		_ i			40.	40		
BO / 79	4.321.5	4 • 3	i		1	T				28	28	16	
78 / 77	9.7		<u> </u>		- ,		_				5	48	_
76/ 75 74/ 73	9.7		į.	i			1			9	9	19	
72/ 71		•		·	··· †	 				• · · · · ·		10.	
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lement (X)	Z X 2	ZX	X	- -	No. Obs.			Mean No.	of Hours wit	h Temperatu	- <u> </u>		
el. Hum.	678712	7928		5.587	93	± 0 F	: 32 F	≥ 67 F	≥ 73 F	≥ 80 F	▶ 93 F	Tot	al
ry Bulb	602141	7481		1.986	93			93.0		71.0			
Vet Bulb	550224	7152	76.9	1.518	93			93.0	93.0	<u> </u>	<u> </u>		_5
Dew Point	530327	7021	75.5	1.742	93	1		91.0	86.0	NI .	1	i	9

USAFETAC FORM 0.26-3 OL A PREVIOUS EDITIONS OF THIS FORM ARE UBSOLETE

1413 STAT ON	TINIAN NAS	S MARIANA STATION NAME	15		45			ARS				OC	Ϊ.
			_					· ·		PAGE	1	2100-	23
Temp.			WET BULB 1	TEMPERATUR	E DEPRESSION	I (F)				TOTAL		TOTAL	. 5.
(F)		5 - 6 7 - 8 9	- 10 11 - 12	13 - 14 15 - 1	16 17 - 18 19 - 2	20 21 - 22 23	- 24 25 - 26	27 - 28 29 -	30 - 31	D.B. W.B. D	ry Bulb	Wet Bulb D	Dew
82/ 81	1.120.4	3.2					Ì			23	23	,	
80/ 79	22.632.3						_			55	55		
78/ 77 76/ 75	5.4 4.3		i		:		1			. 9	9	61	
74/ 73	4,3 2,2	4 :		<u> </u>	+		i	· — · –		6.	6	20 11	
72/71		,				1 1		i				11	
OTAL	33.359.1	7.5						 		•	93		
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lement (X)		2 x 810	4 87 2	4,274	No. Obs.	10F	₹ 32 F	Mean No. of		Temperatur		- 1 -	otal
ry Bulb	708210 588511		7 70 6	1.364	93	1 201	2 32 F	93.0	2 73 F	- 80 F	• 93 F	10	
et Bulb	54541			1,305	93	 -	 	93.0	93.0			+	
ew Point	527251			1.563	93	+	+	93.0	84.0			-+	

USAFETAC FORM 0 26 3 OL A PREVIOUS EDITIONS OF THE FEW AND BESIGNEE

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DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1413 STATION	TINIAN NAS	MARIANA I	\$	·	45		Y1	EARS				NO MONT	Ĭ <u>N</u>
					_					PAGE	1	0000-	02
Temp.	0 1.2 3.4	5 · 6 7 · 8 9 ·	ET BULB T	EMPERATUR	E DEPRESSION	(F)		122 222		TOTAL		TOTAL	
82/81	0 1.2 3.4	2 2	10 11 - 12	13 - 14 15 - 1	6 17 - 18 19 - 20	21 - 22 23	- 24 25 - 26	27 - 28 29	- 30 - 31	8	ry_Bulb_ 8	Wet Buib D)ew l
80/ 79	0.7 13.356.7 12.2 3.3	4.4				1	ł			67	67		
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76/ 75	1.1							ļ Ļ_		1	1	53	
74/ 73. 72/ 71						1			1			2	
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lement (X)	Σχ'	ZX	X		No. Obs.			Mass No.	of Manage 12th	Temperatur			
el. Hum.	688993		87.4		90	± 0 F	: 32 F	≥ 67 F	≥ 73 F	≥ 80 F	- 93 F	Τ,	otal
ry Bulb	567156	7144	79.4	955	90		T	90.0					
et Bulb	524635	6871	76.3	,901	90			90.0	90,0				
Dew Point	508917	6767	75.2	1,131	90			90.0	89.0		L		

USAFETAC FORM 0.26-3 OL A PREVIOUS EDITIONS OF THIS (ORM ARE OBSOLFTE

41413 TINIAN NAS MARIANA IS

PSYCHROMETRIC SUMMARY

Mean No. of Hours with Temperature

90.0 90.0 90.0 90.0 90.0 85.0

≥ 67 F ≥ 73 F ≥ 80 F ≥ 93 F

35,0

90 90 90

NOV

PAGE 1 0300-0500 HOURS IL. S. T. WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 . 2 | 3 . 4 | 5 . 6 | 7 . 8 | 9 . 10 | 11 - 12 | 13 . 14 | 15 . 16 | 17 . 18 | 19 . 20 | 21 . 22 | 23 . 24 | 25 . 26 | 27 . 28 | 29 . 30 | 31 | D.B. W.B. Dry Bulb Wet Bulb Dew Point 7.8 1.1 82/ 81 8 80/ 79 78/ 77 76/ 75 5.650.0 1.1 15.617.8 9 30 30 43 33 74/ 73 72/ 71 TUTAL 90 1.121.175.6 2.2 90 90

No. Obs.

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7813 7115 6841

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502369

79.1 1.125 76.0 1.000 74.7 1.345

USAFETAC FORM 0-26-3 (OL A PREVIOUS EDITIONS OF THIS FORM ARE DISSOLETE

Element (X)

Rel. Hum.

Dry Bulb

Wet Bulb

PSYCHROMETRIC SUMMARY

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Temp.						WET	BULB '	TEMPER	ATURE	E DEPR	ESSION	(F)					TOTAL		TOTAL	
																	PAGE		0600 HOURS	=Ų:

USAFETAC FORM 0 : 26-3 OL A PREVIOUS FOITIONS OF THIS FORM ARE OBSOLETE

41413 TINIAN NAS MARIANA IS - NOA PAGE 1

0900-1100 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 3 - 4 - 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 - 31 D.B. W.B. Dry Bulb Wet Bulb Dew Point 7.824.418.9 3.322.2 2.2 5.0 4.4 88/ 87 86/ 85 25 25 82/ 81 80/ 79 78/ 77 9 11. 35 38 12 24 49 1.1 1.1 76/ 75 74/ 73 72/ 71 TUTAL 2,221,152,224,4 90 90 90 Mean No. of Hours with Temperature 548108 637740 556820 527245 7008 7574 Rel. Hum. 77.9 5.213 90 267 F 273 F 280 F 293 F ± 0 F 84,2 1,971 78,6 1,401 76,5 1,630 90 90.0 90.0 90.0 90.0 90.0 89.0 Dry Bulb 87.0 90 90 90 7078 Wet Bulb 23.0 Dew Point 6.0

ARE UBSCLETE

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51413 -	TINIA	N NAS	MAR	TATION N	IS ME				45				YE	ARS					NO.	N.
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Temp.					WET	BULB T	EMPER	ATURE	DEPRE	SION (F)					_	TOTAL		TOTAL	
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76/ 75 74/ 73	-										i 1	1							1	33
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Element (X)	Σχ²	1		ZX		· X	•	_	No. Obs	. 1				Mean M	o. of M	lours with	Temperatur			
Rel. Hum.		35726		<u>, v</u>	26	77.a		40		90	: 0 F	٠.	32 F	e 67		≥ 73 F	≥ 80 F	- 93 F	Ţ.	etal .
Dry Bulb	6	52596		76	62	85.1	1.8	3	 -i	90	- 0 -	+-		90			88.0			90
Wet Bulb		66264		71		79.3	1.2	60		90		+		90		90.0				90
Dew Paint		35716		69		77.7	1.6	- 4		90				90	<u> </u>	90.0				90

USAFETAC FORM 0.26.3 OL A PREVIOUS FOTFICES OF THE LOFT MARE OBSOLFTE

PSYCHROMETRIC SUMMARY

41413 TINIAN NAS MARIANA IS 45

STATION STATION NAME

PAGE 1 1500=1700

MOURS (L. S. T. 1)

Dew Point		777		69	03	76.7	1,8	37		90		-+		90	-0	90.0			+	90
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88/ 87							13 - 14	13 - 10	177.10	17.10			13-10	1	.,		4	4		
Temp	1 - 2	3 - 4	5 - 6	7.8			TEMPERA					23 . 24	25 . 26	27 . 28	29 . 3	0 > 31	TOTAL D.B. W.B.	Dry Bulb	TOTAL Wet Bulb D	ew Pos

USAFETAC FORM 0.26-3 (OL A: PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71 0.26-3

2

PATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

41413 TINIAN NAS MARIANA IS NOV MONTH PAGE 1 1800-2000 HOURS (C. S. T.) Temp. WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 *31 D.B. W.B. Dry Bulb Wet Bulb Dew Point WET BULB TEMPERATURE DEPRESSION (F) TOTAL 88/ 87 86/ 85 84/ 83 2.2 5.6 1.1 4.434.415.6 2.2 6.720.0 2.2 8 51 26 82/ 81 80/ 79 78/ 77 51 10 65 26 1.1 2.2 76/ 75 74/ 73 72/ 71 90 TOTAL 12.258,923,3 4.4 1.1 90 Element (X) ¥ **"**x No. Obs. Mean No. of Hours with Temperature 84,3 5,319 81,1 1,376 77,3 1,047 75,9 1,384 7590 642008 90 Rel. Hum. ≥ 67 F ≥ 73 F ≥ 80 F ≥ 93 F 90.0 90.0 90.0 90.0 90.0 89.0 592604 538183 7302 6959 90 90 90 86.0 90 Dry Bulb Wet Bulb Dew Point 318188 6828 90

AFETAC FORM 0.26.3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLFTE JUN η_1 0.26.3 OL A

41413 TINIAN NAS MARIANA IS
STATION NAME

PSYCHROMETRIC SUMMARY

Mean No. of Hours with Temperature

≥ 67 F ≥ 73 F ≥ 80 F ≥ 93 F

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90.0 90.0 68.0 90.0 90.0 90.0 90.0

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FORM 0.26-3 (OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71 0.26-3 (OL A

Element (X)

Rel. Hum.

Dry Bulb Wet Bulb

85.5 4.691 80.1 1.149 76.6 1.056 75.2 1.299 2

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION NAS MARIANA IS DEC PAGE 1 0000-0200 Temp. TOTAL WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 z 31 D.B. W.B. Dry Bulb Wet Bulb Dew Point 82/81 80/79 78/77 76/75 74/73 72/71 1.1 3.2 6.544.114.0 2.2 8.619.4 1.1 27 21 27 25 44 18 93 15.164.518.3 2.2 No. Obs. Element (X) Mean No. of Hours with Temperature 7786 7354 7015 6858 83.7 5.170 79.1 .981 75.4 1.210 73.7 1.601 654306 581608 529277 93 93 ≥ 67 F ≥ 73 F ≥ 80 F ≥ 93 F 93.0 93.0 93.0 93.0 93.0 93.0 Dry Bulb 35.0 93 Wet Bulb 505958 93 93 Dew Point

45

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE FORM 0.26-3 OL A.

41413 TINIAN NAS MARIANA IS
STATION NAME

PAGE 1 0300-0500

Temp.						WET	BULB	TEMPER	ATURE	DEPRE	SSION	(F)			-			TOTAL		TOTAL	
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Element (X)		Z _X ²	-+		Z x	┸-	X	•	1	No. Ob	·\$.		Щ.		Meon N	lo. of H	ours with	Temperatu			
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USAFETAC FORM 0.26-3 OL A PREVIOUS EDITIONS OF 1945 FORM ARE OBSOLUTE LUN η_1 0.26-3 OL A PREVIOUS EDITIONS OF 1945 FORM ARE OBSOLUTE.

TINIAN NAS MARIANA IS

662160 587007

534020

215108

PSYCHROMETRIC SUMMARY

Mean No. of Hours with Temperature

93.0 93.0 41.0 93.0 91.0 93.0 71.0

≥ 67 F ≥ 73 F ≥ 80 F ≥ 93 F

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93 93

PAGE 1 0600-0800 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL WET BULB TEMPERATURE DEPRESSION (F)

TOTAL

TOTAL

1 - 2 3 - 4 5 - 6 7 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 -> 31 D.B. W.B. Dry Bulb Wet Bulb Dew Point

1 - 1 1 - 1 1 - 1 84/ 83 82/ 81 80/ 79 8,612.9 1.1 9.722.612.9 42 42 78/ 77 9,715.1 2.2 10 34 27 21 25 30: 76/ 75 74/ 73 72/ 71 44 1.1 70/ 69 TUTAL 1.120.447.329.0 2.2 93 93

± 0 F

s 32 F

93

93 93 93

84.2 5.954 79.4 1.671 75.8 1.440 74.2 1.871

7828 7387

7046 6899

TAC FORM 0-26-3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

Rel. Hum.

Dry Bulb

Wet Bulb

Dew Point

PSYCHROMETRIC SUMMARY

41413 TINIAN NAS MARIANA IS

STATION

STATION NAS MARIANA IS

YEARS

PAGE 1 0900-1100

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Dry Bulb	_Ļ.				364				77			3,		1.	40	4			93	-					4	93	• 0	9	9.0	9	Z • 0				9:
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USAFETAC FORM 0.26.3 OL A PREVIOUS EDITIONS OF THIS FORM ARE DBSDIFFE.

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DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

41413 TINIAN NAS MARIANA IS 45

STATION STATION NAME

PAGE 1 1200-1400
HOURS U. S. T.

Dew Point		25.	7206		70	14	73,4	1,5	27		93				73	• 0	90,0	1.0			<u> </u>
Wet Bulb			7470			64	76.1	1.0	26		93				93		93.0				9:
Dry Bulb		67	0319		78	75	84,9	1.0	05		93				73		93.0				9:
Rel. Hum.		30	1531		68	13	73,3	5.1	33		93	* 0 F		32 F	≥ 67		≥ 73 F	≥ 80 F	≥ 93 F	To	otal
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74/ 73						<u>.</u>	 												<u>i</u>		1
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86/ 85	-+		2 7	18,3 11.8	53.8	6.	1			-							<u> </u>	73 16	73 16		
88/ 87					1.1		,	13.14	13 - 10	17.18	1,7 1 20	2, 122	25 24	25 20			† !	1			
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USAFETAC FOLM 0.26-5 (OL.A) REVISED REVIOUS EDITORS OF THES FORM ARE OILCOLETE

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Wet Bulb		35757			113	77,6				93				73,		73.0	3.0	7		
Dew Point		32610	79	- 51	773	75.2	1 107	734		93		- 1		73,	0	38,0		1		

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Dry Bulb	599114	7464	40.3	.859	9		I	93.0	93.0	81.0			4
Wet Bulb	599114 539092	7080	76.1	1.034	9:			93.0	13,0				1
Dew Point	514041	6913	74.3	1.378	9			93.0	87.0				•

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DATA PRUCESSING RRANCH USAF ETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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82/ 81		10.8	6.5	3.2												1		9	¥		
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Rel. Hum.			4589		771	20	<u> </u>	4,9	24		93	≤ 0		32 F	meon i		2 73 F	- 80 F	2 93 I		otal
Dry Bulb		- 57	7765	}	73		45.5	717	77		93	= 0		34 F							
Wet Bulb							79.5	. 8	12				-					47,0	4		9
			4550		70		75,0	19,	()		93					• g	93.0		├		9
Dew Point		- 51	1224	Н	68	79	74.1	l.3'	7 2		93				91	1 a CI	85.0	1	1	ı	7)

USAFETAC FORM 0-26-5 (OL.A) REVISIO REVIOUS EORIONS OF THIS FORM ARE OLEGISTE

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

YEARS

DRY-BULB TEMPERATURES DEG F FROM HOURLY DESERVATIONS

41413 TINIAN NAS MARIANA IS

45-46

5. 4. OM		STA	TION NAME			_		
S 1 5 T	JAN	FEB	MAR	APR.	MAY	JUN	JUL	_

RS LST		JAN	FEB	MAR	APR.	MAY	JUN	JUL	AUG	SEP	ОСТ	NOV	DEC	ANNUAL
	MEAN	78+1						79.6	79.4	79.4	78.7	79.4	79.1	79.2
00-02	\$ D	1.150						1,462	1,661	1.414	1,545	,955	.761	1.401
· · · · ·	TOTAL OBS	36.						92	93	90	93	90	93	587
•	MEAN	77,9						78.9	78.6	79.2	76.1	79.1	76.5	78.7
03-05	S D	919						1.671	1.313	1.180	1.676	1.125	1.221	1.415
	TOTAL OBS_	26						93				90	93	586
	MEAN -	79.2	78.6			····	•	80.6	80.3	80.4	79.7	80.3	79.4	79.9
né=08	S D		1.754									1.990		2.098
	TOTAL OBS							73				90	93	682
•	MEAN	82.9	82.0				·	87.9	84.7	A3.8	A3.1	86.2	83.4	83.5
09-11	5 D		2.167									1.971		2.326
	TOTAL OBS	• .					<u> </u>	93		90	93	90	93	729
		84.0	83.7				-	85.9	48.1	48.9	84.6	48 1	84.9	84.7
12-14	S D		- •										1.005	2.214
_	TOTAL OBS	- •					•	93	93	90	93	90	93	729
	MEAN	A3.2	82.8				·	85.0	84.3	84.5	83.0	84.2	83.6	U3. 1
1517	S D		1.452					• •		1 -	•		1.734	2.240
•	101AL 085	93						93	93	90		90	93	729
	MEAN	80.0	80.0					47.8	82.0	A1.1	80.4	81.1	80.3	81.0
18-20	S D		1.440						1.766				.859	1.827
_	TOTALOBS	73					_	93				90	93	681
	MEAN	78,8						80,6	80.4	77.8	79.5	80.1	77.5	79,4
21-23	5 D	1.074						1.260		1.788	1.364	1.149	.816	1.340
•	TOTAL OBS	33				•		93	93	90	93	90	93	585
	MEAN	81.3	81.8			•	•	82.0	81.8	81,6	80.F	81.7	U1.1	- UI.
ALL HOURS	5 D		2.470					3.012	3.076	3.023	3,199	2.740	2.632	2,928
	TOTAL OBS	531	364					743		720		720		5310

USAFETAC FORM 0 89 5 (OLI)

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY DESERVATIONS

1413	TIN	IAN NAS	MARI	ANA IS			45=4	46						
5. W. CM			STAT	ON NAME			_			YEARS				
RS LST		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
	MEAN	75 - 1	-					76.6	76.6	77.0	76.0	76.3	75.4	76.3
90-02	S D	.984						1,311	1.101	1.086	1.625	.901	1.210	1.340
	TOTAL OBS	36					•	92	93	90	93	90	93.	587
	MEAN	74.9					•	76.1	76.1	76.7	75.6	76.0	75.0	75.9
03-05	5 D	.937							1,110					1,351
	TOTAL OBS	36					· · ·	93	93	90	93	90	93	588
	MEAN	75.3	74.1				•	76.6	76.8	77.4	76.6	76.7	75.8	76.3
06-08	5 D	1.150	1,656						1.282				1.440	1,634
	TOTAL OBS	74	56	.				93	93	90	93	90	93	682
	MEAN	76.3	75.2					77.8	78.6	78.9	78.4	78.6	77.4	77.7
09-11	S D	1.189	1.824					1.206	1.189	1,488	1.514	1.401	1.046	1,812
	TOTAL OBS	93	84	··			•	. 93	93	90	93	90	93	729
	MEAN	76.8	75.4	-			•	78,3	78.8	79,3	79.2	79,3	78.1	78.2
12-14	\$ D	1.096	1.093					1.172	1.182	1.290	1.736	1.260	1.026	1.864
	TOTAL OBS	93	84				•	93	93	90	93	90	93	729
-	MEAN	76.3	75.1				•	78,3	78.4	78,9	78.2	78,6	77.6	77,7
15-17	5 D	.969	1.554					1.198	1.255	1.052	2.125	1.436	1.238	1.854
	TOTAL OBS	93	84			·		93	93	90		90	93	729
-	MEAN	75.6	74.3	····· ·			•	77.5	77.7	77.6	76.9	77.3	76.1	76.8
18-20	S D	,799	1.400					1.316	1.031	1.119	1,518	1.047	1-034	1,555
	TOTAL OBS	73	56					93	93	90	93	90	93	661
	MEAN	75.0		· - · · · ·		•	•	77.0	77.2	77.1	76.6	76.6	75.8	76.6
21-23	5 D	.847						1,247	.782	1,305	1.305	1.056	.976	1,276
	TOTAL OBS	33							93	90	93	90	93	585
•	MEAN	75,9	74,9		· ·	• - •	• • •	77,3	77.5	77.9	77.2	77,5	76.4	77.0
ALL HOURS	S D	1.224	1.758						1,468					1,804
	TOTAL OBS	531	364					743		720	744	720	744	5310

USAFETAC FORM 0.89-5 (OL1)

DATA PROCESSING BRANCH USAF ETAC AIR HEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY DBSERVATIONS

41413 TINIAN NAS MARIANA IS 45-46

5'A' ON		STAT	ON NAME						YEARS				
RS LST	JAN	FEB.	MAR	APR.	MAY	JUN	JUL	AUG	SEP	ОСТ	NOV	DEC	ANNUAL
MEAN	73.9						75.3	75.5	76.1	75.0	75.2	73,7	75.
00 = 02 S D	1,410											1.601	
TOTAL OBS	36						92	93	89	93	90	93	586
MEAN	73.6			·	<u>+</u>	+	74.9	75.0	75,6	74.6	74.7	73.5	74,
03-05 s b											1,345		1,61
TOTAL OBS	36	<u></u> -					93	92	89	93	90	93	580
MEAN	73.5	71.9					75,1	75.4	76,2	75.4	75,3	74.2	74.
06-08 s o		2,523									1.319		1,98
TOTAL OBS	74	56					93	93	90	93	90	93	682
MEAN	73,5	72,3			•		75,4	76,3	77,1	76.5	76,5	75.1	75.4
09-11 s p	1.937	2,849					1,250		1.421	4,777	1.630	1.570	
TOTAL OBS	93	84				-	93	93	90	93	90	93	729
MEAN	73,9	71.8			+		75,8	76.5	77.3	77.2	77.1	75.4	75,
12-14 s D	1,759	2.921										1.527	2,520
TOTAL OBS	93	84			•		93	93	90	93	90	93	729
MEAN	73,6	71.7			•	•	75,9	76.2	76.9	76.4	76.7	75.2	75,4
15-17 s D	1.736	2,643									1.867		2,479
TOTAL OBS	93	84			·		93	93	90	93	90	93	729
MEAN	73.8	71.9			-		75,6	76,2	76,2	75.5	75,9	74.5	75,
18-20 s D	1.228	2.107									1.384		1,939
TOTAL OBS	73	56				·	93	93	90	93	90	93	68
MEAN	73.5						75.4	75.9	76.0	75.3	75,2	74.1	75,
21-23 s D	1,175						1,596	1.115	1.434	1.563	1.299	1.393	
TOTAL OBS	33						93	93	89	93	90	93	56
MEAN	73.7	71.9			•	-	75.4	75.9	76.4	75.7	75.8	74.5	75.
ALL SO		2,663										1.715	
HOURS TOTAL OBS		364		:			743						530

USAFETAC FORM 0.89 5 (OLI)

STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERCENTAC	SE FREQUENC	Y OF RELATIV	E HUMIDITY G	REATER THAN			MEAN	TOTAL
MONTH	(L.S.T.)	10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE HUMIDITY	NO. OF OBS.
	ı (inu.	, i :i.	1000	166.	111.101	19.	6,2	4 4	1		!
		160.	1 (11)	1 40 4 6	14.00	9000	1 ***	1.1	× 1.	1.4	p 2 g 2	100
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,												
										<u> </u>		
		(nu.	inu _e	100.0	100.	IND •	100.	5 a e'	,	F 20		, , .
		Fritz.	for.:	100.0	3.040 🐠	100.0	100.	-2.2	1 • u	21.6		744
		Locks and	147.3	<u>}</u> (11) € 11	10/11/	100.0	49.5	7.0		7		77
į t		1000	14,00	100.0	1 (16) • (1	ino.o	100.0	16.0	11.4	7 1	٤1.	144
		100,0	100m	1001.0	100.0	100.0	100.6	7.4	-1	13.2	5.7.¢	170
ŀ		306.0	1000-1	160.0	100.0	100.0	99.0	92.4	4	17.6	1. C • C	144
101	TALS	100.0	1,00 • 0	100.0	100.0	100.0	38.0	3 44.6	54.1	11.6	61.7	~ 1 ~

USAF ETAC | PORM | 0-87-5 (OL 1)

PERIOD

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERCENTAC	SE FREQUENC	Y OF RELATIVE	E HUMIDITY G	REATER THAN			MEAN	TOTAL
MONTH	(L.S.T.)	10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE HUMIDITY	NO. OF OBS.
	Wind)	160.	, C.O.	160.0	100.0	100.0	100.0	100.0	• 1	• .1	7 . /	,
	·= 1	1 - (٠ ززي)	1(00.0	100.	1.6.0 • 4.	100.0	100.6	• ,	13.3	e(_*^	
	1	150.0	10001	[tn).i	196.	100.1	t un 🕡	7.3	6 i .	18.6	1	, .
	11 - 12 L 1	titt) # -1	3 (3/2 + .)	10000	Ť ti C • ·	j (*() _k -)	3.	±9.1	1 to 4 1	. , (1	71.5	,
	1 [Rossia	₹ ∂ 0 € 5	100*0	100 # 6	11000	1.	17#0	3 1	4 . .	7	j
	(-1 '	100 m	10000	10000	100.0	100.0	011.	2.4	10.1	:,7	73.0	,
	,	100.0	100.0	fu0.*0	100.0	100.0	100.0	100.0	49.2	11.0	.3.6	,
		thus	100.0	100.0	100.0	100.0	100.	100.0	1 2 . A	15.2	.4.0	3
						1				,		
101	TALS	ing.	100,7	100.0	100,0	100.0	99.	:4,5	49.4	10.0	#C.1	÷ ,

USAF ETAC 0-87-5 (OL 1)

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERCENTAC	E FREQUENC	Y OF RELATIVE	E HUMIDITY GE	REATER THAN			MEAN	TOTAL
MONTH	(L.S.T.)	10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE HUMIDITY	NO. OF OB\$.
	1 1,9 = 1											
	~1											
	N	100.1	100.0	100.0	100.0	100.0		1,9	57 € 1.	17.5	40.0	ļ ,,
	1	100+3	[†] ()() • ()	100.0	10(-1/-	LUGOS		16.07	11.1	. , 6	10.	
	17-1	100.0	100.	100.0	10/10	100.0	5., ·	13,3	3.00		. 7 , /	,
	1 -1	ino	F1/0 • 1	100.0	10000	• •	91.7	11.7	•	1 • ٢	14.4	4
	1	100	160.3	100.0	100.0	100.0	100.0	5) . 1	20.5	5 . *;	11.	27
	11-1											
to	TALS	100.0	100.)	100.0	100.0	29.4	97.1	41.1	20.3	4.4	73.2	1 4

USAF ETAC PORM 0-87-5 (OL 1)

MONTH

STATION

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERCENTA	SE FREQUENC	Y OF RELATIV	E HUMIDITY G	REATER THAN			MEAN	TOTAL
HTMOM	(L.S.T.)	10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE HUMIDITY	NO. OF OBS.
ŧ.	:+:) =(' '	≴^JJ _m i	1111	200	. 1. C C	10000	100.	100.0		1.,	•	
	;)(.	i, 14	14.75.	g 100 p ct	100.	11/10+3	212 0 • 1	160.0	•	i. e ti	7.	,
	V 12.61	zau.	tin', i	ing.,	10/C • **	0.660	100.0	100.0		1 + 0	15 F	
	-11	(49).2	1.311.	1000	100000	100.	ron.	1 e r	10.0	1.1	11 • 1	
	18-1	1.700 - 1	• £113 e .	2-13-6	t gg 💼	100.0	100.	· å • 4	1 .1	1,2	11.	
	1 1 /	Money	tho, i	100.00	toc.	1000	Feb.	1001	1 .	4	26.5	
	1	1004	1.10.	1,10.0	FCC+1	150.0) (in ,)	-3.7	414.		15.	٠,
	· , • ·	17.0.0	100.0	150.0	ton.r	100.0	100.1	100.0	1101	11,8	11 6 · N	′1
	+							1				
το	TALS	100.0	100.0	100.0	100.0	100.0	100	8.2	53.5	14.8	60 .F	14

USAF ETAC PORM 0-87-5 (OL 1)

100	1 1 1 m	1		
STATION		STATION NAME	PERIOD	MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERCENTAC	E FREQUENC	Y OF RELATIV	E HUMIDITY G	REATER THAN			MEAN	TOTAL
MONTH	(L.S.T.)	10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE HUMIDITY	NO. OF OBS.
	41 - 44	2+125+12	Give '	1/11/1-1	100 •-	100.0	100.		., ,	6 - 4 -	n 6 .	ì
		(GO .	ex, the s	4000	i tjij#†	£fi(, • ·	100.	1.0.0	• 1		1	•
	-1	100 • •	Laws.	100+6	1000	100.0	* (if) •		7 .			
	-1:	1.10.5	1000) -11) m -1	100.00	110.0	± (, f) • +	€. •	1 - • -	. 4	10.1	, 1
	1	ki tia i	' DC • i	100.0	10000	100.0	100.	17.4	17.2	.,	15.5	1.5
	· -i	2 C 12 6 1	100.0	1,00.0	Lyder	100.0	100.	A. 11	. , /	1.1		<i>j !</i>
	1	tout •	(1311-1)	<u>}</u> (1(1) _€ (1	tyti•/	100.0	100.	1.0	7.	• "	,	; '
	1	100,.,	1116 412	193.6	fulle	100.0	100.0	100.0		23.9	. 1.	/
	 							-				
								 	ļ . 			
			 		 		-	 				
το	TALS	100.0	100.0	100.0	100.1	100.0	100.0	12.2	29.9	₹1.6	2.1	144

USAF ETAC PORM 0-87-5 (OL 1)

STATION STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERCENTAC	E FREQUENC	Y OF RELATIVE	HUMIDITY G	REATER THAN	1		MEAN RELATIVE	TOTAL NO. OF
HTMOM	(L.S.T.)	10%	20%	30%	40%	50%	60%	70%	80%	90%	HUMIDITY	OBS.
	1	1700	1,	1:***;	100.	100.0	r () •	100.0		4.9	9.	.,.
	-:-	i u.		1	16.00	100.0	100.	300.00	tuo.	1.1.3		
		117.	No.	1000	1100	1.0.,	+ t) fr.	2 - 2 (* • f.	• *	. 1		
	- 1	ic.	1000	13740	*gr.∎i	1 + 43 • 14	1 (,:) .	r.1	. , 9			,
) k	\$1.50 a.	15,1000	1 "St + "	5 1350 + 1	100.0	! feet a	1	4.,1	1.3	11.5	
		too.	1.391	10000	1 1 1 .	W.	•	200	1.	. 1	7 .	,
	,	1 1/ •	1.15 * -	330.0	100.0	1-10-	100.	1/0.0		1		
		1 to 1 to 1	112 14	10000	Egh.	160.0	100.0	100.0	100.0	51.1		,
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	Ĺ							<u> </u>			ļ	
		<u></u> .		<u> </u>	ļ	ļ		ļ	ļ			
10	TALS	1.750 m	100.	100.0	1000	100.0	99,5	27.0	67.7	11	Design P	12.

USAF ETAC PORM 0-87-5 (OL 1)

STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS (L.S.T.)	T		PERCENTAC	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN											
MONTH		10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE HUMIDITY	NO. OF OBS.				
	14. 4-14	e	1777.	2000		i . ,, , .	0.7	100.0			•					
	-1	v - v/ •	(1)	1		•	100·	170.0	₹0/ •			<u> </u>				
	٠;	7 V 27 •	· J*1 • *	Log.	.,	104.		•	• 2.5	,.	. 1,	İ				
	1	41.00		200	1904	3600.	*10°0 •	•			,					
	1 -1	1		i . 1 - 1 • 1		1 5 12 m	170.			1	1.					
	. 1	L ** + ,	- 1112 - 1	1000	1.70 .	11 0.0	· 110 •	1.4	40.1		. 1.					
			1000	\$P (14.1)	10,00		1.0.	'•1	1	22.0		,				
	1	1	Litte.	1 (14) ;	1 t. (1-10 at-	100.1	1:0.0	•	.v.4	. 7	:				
	<u> </u>		<u> </u>		-	ļ. <u></u>			-							
			-					_				<u> </u>				
							ļ	<u> </u>				T				
TO	TALS	100	tun, s	100.0	100.0	100.0	100.3	6.0	/1.4	29.3	.5 4 9	744				

USAF ETAC | FORM | 0-87-5 (OL I)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

	HOURS (L.S.T.)	-	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN											
нтиом		10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE HUMIDITY	NO. OF OBS.		
		· · · · · ·	i usta	11	1611.	1.50.5	. 140.	100.0	•	. 1	1,			
			11.	100.0	130.	11.00	72.14	3.00+6	•	1		<u> </u>		
	-	2' 0 * 1	1 100	100.0	100.	1900	1374 4 7	150.0		. /				
	1 '	1 Inv.	11/25 4 5	1 (dear	J(• ·	£	1 171.	4.5	•	4.7	11.			
	1	1 M, •	Epita e	1:1*1	Sec. 11.	100.0	100.	6.6	2 . 3		17,	j ·		
		1250	1,110	1	tore:	140.0	2000	• *	100	4	•			
	-	1		1000	1 5 C	1,00	190.	to a F	1.	17.7	. A	1		
		1	 	£11/5.	Vert •	1114141	too.	100.0	. 4	• +				
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				 	-	 								
for	TALS	\$1.00	1994	100.0	1 000 00	↓ 00•>	: (it) •	7.4	ef •1	1000	32.4	178		

USAF ETAC FORM 0-87-5 (OL 1)

MONTH

STATION STATION NAME PERIOD

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)		PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN											
		10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE HUMIDITY	NO. OF OBS.		
	,	. □ 11 •	11.	1		11.	1,000	h 10.00						
	ь.	3 + 11 3 4		\$15.5 A	tjil •	e 11 (,)	141.14	1-6.63	. 1	•	•	ì		
		1. 1.		\$ 15	1,71 91	1 1 1 1 1 1 1	٠ (٠٠٠ •	1. (• 6	•	. 4	•			
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	i , t	1	1 ,21 •	1 11 .	1.00	11 %.	100.	- Y - 41	ŧ	• -				
	ن ن	to care	0 -	1.574	V ., C. •	5 × 47 •		.) • •	1 • 1	i . t	, .			
				k 111 e v	1.15/	11.00	100.	100.0	•	• ·				
			3.4,1.	1002.	1470 •	2 1° (1 • 1	.00.	200.0	• 1	. 4				
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10	TALS	lf-O.	.00 • •	3 19 W	100.	100.	1,0	ारी दुःस	9 . 3	10	. / . /.	14		

USAF ETAC FORM 0-87-5 (OL 1)

DATA PROCESSING DIVISION ETAC/USAF AIR WEATHER SERVICE (MAC). ASHEVILLE, NORTH CAROLINA

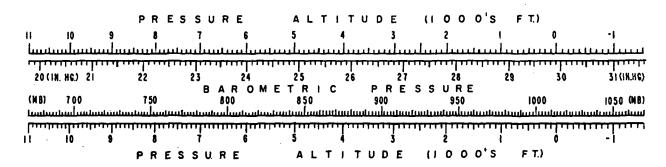
PART F

PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited to January 1946 through December 1963 because of changes in reporting practices before and after those dates.

- 1. Station pressure in inches of mercury.
- 2. Sea-level pressure in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure altitude in 1000's of feet. This scale is an enlarged model of the pressure altitude scale in the Smithsonian Meteorological Tables.



DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

41413 TINIAN NAS MARIANA IS 45-46

5:4: ON	•		STAT	ON NAME						YEARS				
HRS LST		JAN	FEB	MAR	APR.	MAY	JUN	JUL	AUG	SEP	ОСТ	NOV	DEC	ANNUAL
	MEAN	29.548				-		29.591	29.585	29.605	29.588	29.5972	9.612	29.600
G1	S D	.033						.035	.036	.051	.061	.031	.036	.04
	TOTAL OBS	. 12.						31	31	30	31	30	31	196
	MEAN	29.012	•		-			29.568	29.559	29.582	29.559	29.5712	9.583	29.573
04	5 D							.041						-
	TOTAL OBS	12				•		31	30			30	31	19
	. MFAN	29.6462	9.635		•			29.575	29.584	29.610	20.400	29.607	9.614	29,607
07	5 D		.032					.063		.046		024	.038	
	TOTAL OBS		26					31				30	31	243
	· ·	29,6762	0.448		•		•	29.601	29 402	.O. 428	30 418	20 424	0 410	29,635
10	MEAN S D		035					.036					1	
10	TOTAL OBS	• •	28					31		.049 30		.023		•04
	TOTAL OBS		20			•		31	31	30	. 31	30	31	243
	MEAN	29.6182	9,607		• • • • • •			27.572	29,569	29.590	29.572	29.571	9.582	29.585
13	5 D		.035					.033	.033	.044		.025	.038	•041
	TOTAL OBS	31	28					31	31	30	31	30	31	243
	MEAN	29.5892	9,580				•	29,553	29,546	29,505	29.547	29.5532	9,564	29,562
16	5 D		037					.036				.023	.039	•041
	TOTAL OBS	31	28					31	31	30	31	30	31	243
	MEAN	29.6232	9.612			•		29.574	29.576	9.607	29.592	9.589	9.611	29,598
19	5 D		.037					.033				.021		044
	TOTAL OBS							31				30	31	243
		29.662				•	+	29,605	50.ATA	DO ATA	50.431	90.A1A	0 . A 29	29,623
22		023						.032						
• •		11				:		31					31	195
		29.6322	0.624			•	-	24.580		.404			4 .404	29,598
ALL	MEAN S D	.045						.043						
HOURS	S D		140					248						.050
	IOIAL OBS	1 170	470		l			640	27/	240	640	240	248	1801

USAFETAC FORM 0.89.5 (OLI)

DATA PROCESSING RRANCH USAF ETAC AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

41413 TINIAN NAS MARIANA IS

45-46

STATION NAME YEARS SEP ANNUAL OCT NOV DEC HRS LST JAN FEB MAR JUL AUG 1010.11009.91010.61010.01010.31010.8 1010.4 MEAN 1012.0 1.139 1.337 1.191 1.805 2.029 .861 1.253 1.517 TOTAL OBS 31 30 30 31 195 30 31 1009,31009.01009,81009.01009,41009.7 1009.5 MEAN . 1010.7 04 S D 1.382 1.323 1.236 1.728 2.252 .784 1.252 1.538 30 30 TOTAL OBS 31 30 195 MEAN 1011.91011.6 1009.91009.81010.61010.01010.61010.8 1010.7 1.159 1.095 1.213 1.230 1.561 2.418 .787 1.241 31 30 30 31 30 31 07 S D 1.572 31 TOTAL OBS 242 MEAN 1013.01012.7 1010,61010.51011,61011,21011,51011,7 1011.6 1.223 1.111 1.521 1.681 .817 1.201 31 30 30 31 30 31 5 D 1.194 1.177 1.500 31 TOTAL OBS MEAN 1011.01010.7 1009,51009.31010.01009.51009.41010.0 1009.9 1.175 1.077 1.466 1.731 .868 1.173 31 30 30 31 30 31 13 1.202 1.181 1,373 5 D TOTAL OBS 31 242 1008.81008.61009.21008.71008.81009.1 1009.1 1009.71009.8 1.225 1.174 1.513 1.790 .783 1.293 31 30 30 31 30 31 1.517 2.268 1.220 16 S D TOTAL OBS 31 1011.21010.8 1009.51009.61010.51010.11010.01010.6 1010.3 1.242 1.310 1.591 1.968 .757 1.277 31 30 30 31 30 31 1.271 1.247 19 5 D 1.469 TOTAL OBS 31 242 1010,71010,81011,61011,11010,91011,4 1012.5 1011.2 1.251 1.272 1.752 1.915 .859 1.270 31 30 30 31 30 31 22 S D . 860 1.460 TOTAL OBS 1011.41011.1 1009.81009.71010.51009.91010.11010.5 1010.3 MEAN 1.376 1.373 1.785 2.135 1.161 1.473 1.687 5 D 1.742 1.528 TOTAL OBS 190 248 240 240 248 240 248

USAFETAC FORM 0.89-5 (OLI)

DATE FILMED

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